

CALIFORNIA INSTITUTE OF TECHNOLOGY

EARTHQUAKE ENGINEERING RESEARCH LABORATORY

STRONG MOTION EARTHQUAKE ACCELEROGRAMS DIGITIZED AND PLOTTED DATA

VOLUME II - CORRECTED ACCELEROGRAMS AND INTEGRATED
GROUND VELOCITY AND DISPLACEMENT CURVES

PART E - ACCELEROGRAMS IIE071 THROUGH IIE085

REPORT NO. EERL 73-50

A REPORT ON RESEARCH CONDUCTED UNDER A
GRANT FROM THE NATIONAL SCIENCE FOUNDATION

PASADENA, CALIFORNIA

MAY 1973

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ABSTRACT

The first set of twenty corrected earthquake accelerograms was published in September 1971, as Volume II, Part A, Report No. EERL 71-50, the first report of the Volume II series. That issue also contained introductory material and background information describing the types of corrections used. The corresponding uncorrected data appeared earlier in Volume I, Part A, Report No. EERL 70-20. Both of these reports, containing references related to the records themselves and the various procedures, should be referred to by all users of the data. This issue, Volume II, Part E, Report No. EERL 73-50 continues with the accelerograms obtained during the San Fernando Earthquake of February 9, 1971 and includes one record from Wheeler Ridge, three records each from the buildings at 4680 Wilshire Boulevard, 3470 Wilshire Boulevard, the L. A. Water and Power Building, and 3407 6th Street, all in Los Angeles, and two records from the Santa Felicia Dam. The uncorrected versions of the accelerograms in this issue appeared earlier in Volume I, Part E, Report EERL 71-22.

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PREFACE TO VOLUME II, PART E

This issue of corrected accelerograms and integrated ground velocity and displacement curves contains data from the San Fernando, California, Earthquake, of February 9, 1971. The corrected data for records from this earthquake appeared first in Volume II, Part C, Report No. EERL 72-51 and this continuation includes records from the following locations:

1. Wheeler Ridge
2. 4680 Wilshire Boulevard, Los Angeles (3 records)
3. 3470 Wilshire Boulevard, Los Angeles (3 records)
4. Los Angeles Water and Power Building (3 records)
5. Santa Felicia Dam (2 records)
6. 3407 Sixth Street, Los Angeles (3 records)

The uncorrected versions of the accelerograms in this issue appeared in Volume I, Part E, Report No. EERL 71-22.

Reference may be made to Volume II, Parts A and B, Report Nos. EERL 71-50 and 72-50 for introductory material and references to papers discussing various details of the processing and computing problems. Several comments applying to every report of the Volume II series of corrected digitized data are included in the next section.

We are grateful to the staff members of the Earthquake Engineering Research Laboratory who at all stages of the project continue to devote their time and attention to producing these reports and their associated cards and tape. In particular we are indebted to Mr. Vincent Lee and Mr. James Justiss for carrying out the computing side of the project with such enthusiasm, to Miss Barbara Turner for typing and editing, and to the staff of the Willis H. Booth Computing Center and the Graphic Arts Facilities. We appreciate the major support from the National Science Foundation

that has made the entire project possible, and the continued contributions from the Earthquake Research Affiliates program of the California Institute of Technology.

M. D. Trifunac
A. G. Brady
D. E. Hudson

Earthquake Engineering Research Laboratory
California Institute of Technology

Notes on the Volume II Series of Reports

The preceding Abstract and Preface contain information which is of two types. Some of it pertains to this particular part of Volume II and the records contained herein. In this section we have gathered other information of a more general nature describing the Volume II series. It will be incorporated with little change in all the Volume II reports.

Part A of Volume II, Corrected Accelerograms and Integrated Ground Velocity and Displacement Curves, Report No. EERL 71-50, was published in September 1971, and contained in a general introduction to the series, detailed information on the methods and procedures used which should be consulted by all users of the data. Part B of Volume II, Report No. EERL 72-50, which appeared in February 1973, contained additional references to papers discussing various details of the processing and computing problems. Part C, Report No. EERL 72-51, began the presentation of corrected data for the unusually important series of accelerograms obtained during the San Fernando Earthquake of February 9, 1971. All the records considered suitable for standard digitizing will be included in the issues following Part C.

The format of presentation of the results at the end of this second stage of data processing is the same as in Volume II, Part A, Report No. EERL 71-50. The plots of acceleration, velocity and displacement appear first, with details of the earthquake, the recording site and the peak values in the headings.

A thorough description of the naming of component directions for the records was given in Volume II, Part B, Report No. EERL 72-50.

Consistent with this, the component direction, where it appears in this report, refers to the direction of the transducer pendulum motion for the trace to be deflected "up" on the record when viewed in the normal way with time increasing from left to right. During earthquake acceleration measurements the pendulum responds dynamically to an "inertia force" whose direction is opposite to that of the acceleration of the instrument base and it follows that the true ground acceleration will be opposite to the pendulum motion defined above. Consequently, in the following plots the y-axis scale is inverted so as to retain both the familiar pattern of the accelerograms and the listed component direction. The printout of the corrected accelerograms appears next, in units of mm/sec/sec, at equal time intervals of 0.02 seconds. Identification labels, instrument characteristics, peak values and initial values are in the headings for each component.

It is apparent in some of the displacement plots in this entire series of Volume II reports that some long period noise is still present in the published data. There are no components remaining with periods longer than the cut-off period of 16 seconds, but it is evident that for some records this cut-off period, taken as standard for all records, is in fact too long. The cause for this lies in the very low amplitude of acceleration for much of the duration of some of the records and the consequent lowering of the signal to noise ratio. This noise arises primarily from random digitization noise, and is independent of the acceleration amplitudes. With this in mind, the displacement plots indicate that a cut-off period lower than 16 seconds should be used to remove these components from the acceleration data. It is clear, of course, that in routine processing of accelerograms

such as those mentioned above, it is not practical to examine each earthquake accelerogram in sufficient detail to permit selection of the cut-off period optimal for that particular record. This aspect of the work is beyond the scope of this volume and is left to be completed by an investigator whose specific research requirements determine the precise nature of filtering best suited to his needs.

All of the reports constituting the Volume II series mention specific references that discuss particular aspects of the various earthquake records. A list of these reports and other publications of the Earthquake Engineering Research Laboratory appears at the back of this issue, including the EERL Report Number and the Accession Number, with which they are obtainable from

National Technical Information Service
U. S. Department of Commerce
Springfield, Virginia 22151.

INSTRUMENT CHARACTERISTICS FOR SAN FERNANDO EARTHQUAKE, 2-9-71, 0600 PST

Series Ref. No.	Caltech Log No.	Instrmt: Serial No.	Station: Location	Component* Direction	Period To, (sec)	Sens.* (cm/g)	Damp* Ratio, %	Damp* % crit.
IIE071	71.004	AR240 112	102 Wheeler Ridge, Cal.	South	.052	7.6*	11.5	61.4
				East	.052	7.6*	9.8	58.6
				Down	.051	7.6*	9.4	58.0
IIE072	71.048	AR240 268	223 4680 Wilshire Blvd., L. A., Cal., Bsmnt.	N75W	.048	7.6*	9.4	58.0
				N15E	.049	7.6*	8.7	56.7
				Down	.051	7.6*	8.3	55.9
IIE073	71.049	AR240 284	224 Ditto 3rd Floor	N15E	.049	7.6*	8.0	55.1
				N75W	.048	7.6*	7.9	54.9
				Down	.049	7.6*	9.8	58.8
IIE074	71.047	AR240 279	225 Ditto 6th Floor	N15E	.046	7.6*	8.5	56.3
				N75W	.048	7.6*	8.9	57.1
				Down	.045	7.6*	8.8	56.9
IIE075	71.056	AR240 248	208 3470 Wilshire Blvd, L. A., Cal., Subbsmt.	North	.057	7.6*	9.2	57.6
				West	.056	7.6*	7.4	53.8
				Down	.055	7.6*	8.0	55.2
IIE076	71.057	AR240 246	209 Ditto 5th Floor	North	.060	7.6*	7.4	53.6
				East	.054	7.6*	9.2	57.6
				Down	.055	7.6*	8.5	56.3
IIE077	71.058	AR240 297	210 Ditto 11th Floor	North	.050	7.6*	9.1	57.4
				East	.048	7.6*	8.6	56.5
				Down	.048	7.6*	8.9	57.0
IIE078	71.059	AR240 152	137 L. A. Water & Power Bldg., L. A., Bsmnt.	N50W	.052	7.6*	10.3	59.6
				S40W	.054	7.6*	9.3	57.8
				Down	.054	7.6*	10.4	59.8
IIE079	71.092	AR240 150	138 Ditto 7th Floor	N50W	.059	7.6*	7.8	54.7
				S40W	.054	7.6*	9.5	58.2
				Down	.058	7.6*	8.8	56.9

* See footnotes at end of table.

INSTRUMENT CHARACTERISTICS FOR SAN FERNANDO EARTHQUAKE, 2-9-71, 0600 PST (cont.)

Series Ref. No.	Caltech Log No.	Instrmt: Serial No.	Station Location	Component* Direction	Period T ₀ (sec)	Sens.* (cm/g)	Damp* Ratio, %	Damp* % crit.
IIE080	71.093	AR240	139	N50W	.052	7.6*	8.2	55.6
		151	Ditto	S40W	.052	7.6*	9.2	57.6
			15th Floor	Down	.053	7.6*	8.1	55.3
IIE081	71.062	AR240	284	S08E	.054	7.6*	8.1	55.4
		242	Santa Felicia Dam,	S82W	.055	7.6*	9.2	57.7
			Cal., Outlet Works	Down	.055	7.6*	9.2	57.6
IIE082	71.063	AR240	285	S15E	.055	7.6*	9.2	57.5
		241	Ditto	S75W	.056	7.6*	10.6	60.0
			Crest	Down	.055	7.6*	7.7	54.5
IIE083	71.096	AR240	199	South	.053	7.6*	9.7	58.5
		225	3407 6th St., L. A.	East	.051	7.6*	9.7	58.5
			Bsmnt.	Down	.054	7.6*	9.7	58.5
IIE084	71.097	AR240	200;	South	.054	7.6*	11.0	60.6
		223	Ditto	East	.058	7.6*	10.8	60.3
			4th Floor	Down	.055	7.6*	11.0	60.6
IIE085	71.098	AR240	201	South	.053	7.6*	10.2	59.4
		233	Ditto	East	.053	7.6*	9.4	58.1
			Penthouse	Down	.057	7.6*	10.4	59.7

* Static Magnification, $V_s = \omega_n^2 \cdot \text{Sensitivity} = \left(\frac{2\pi}{T_0(\text{sec})} \right)^2 \cdot \frac{\text{Sensitivity (cm/g)}}{980 \text{ (cm/sec}^2\text{/g)}}$

Asterisked sensitivities are nominal values.

Damping Ratio, $\epsilon = \exp [\pi n / \sqrt{(1-n^2)}]$ where n is the fraction of critical damping.

Periods and damping values have been obtained by direct measurement of the calibration test records appearing at the beginning and end of the earthquake records. If none were present, the Seismological Field Survey's list (January, 1970) was used.

The component direction is that of the pendulum motion that causes the trace to be deflected upwards.

EARTHQUAKE DATA

The San Fernando, California, Earthquake of February 9, 1971,
0600 PST; epicenter, $34^{\circ}24.0'N$, $118^{\circ}23.7'W$; maximum intensity, XI;
magnitude, (M_L), 6.6; depth, 13.0 km.

REFERENCES (See additional list, page 222)

- (April-May, 1971). "The San Fernando Earthquake," California Geology, v. 24, n. 4-5.
 - (November, 1971). "Report of the Los Angeles County Earthquake Commission, San Fernando Earthquake, February 9, 1971," prepared for the Los Angeles Board of Supervisors.
 - "The San Fernando Earthquake of February 9, 1971," National Academy of Sciences, Washington, D. C.
- Barrows, A. G., et al (1971). "Map of Surface Breaks Resulting from the San Fernando, California, Earthquake of February 9, 1971," California Division of Mines and Geology.
- Bolt, B. A. (August, 1972). "San Fernando Rupture Mechanism and the Pacoima Strong-Motion Record," Bull. Seism. Soc. Am., v. 62, n. 4, 1053-1061.
- Canitez, N. and M. N. Toksöz (May, 1972). "Static and Dynamic Study of Earthquake Source Mechanism: San Fernando Earthquake," Journal of Geophysical Research, v. 77, n. 14, 2583-2594.
- Division of Geological and Planetary Sciences, California Institute of Technology (April, 1971). "Preliminary Seismological and Geological Studies of the San Fernando, California, Earthquake of February 9, 1971," Bull. Seism. Soc. Am., v. 61, n. 2, 491-495.
- Housner, G. W. and P. C. Jennings (July-September, 1972). "The San Fernando California Earthquake," Earthquake Engineering and Structural Dynamics, The Journal of the International Association for Earthquake Engineering, v. 1, n. 1, 5-31.
- Hudson, D. E. (December, 1972). "Local Distribution of Strong Earthquake Ground Motions," Bull. Seism. Soc. Am., v. 62, n. 6, 1765-1786.
- Proctor, R. J., R. Crook, Jr., M. H. McKeown, and R. L. Moresco (June, 1972). "Relation of Known Faults to Surface Ruptures, 1971 San Fernando Earthquake, Southern California," Bull. Geol. Soc. Am. v. 83, 1601-1618.
- Steinbrugge, K. V., et al (August, 1971). "The San Fernando Earthquake, February 9, 1971," Pacific Fire Rating Bureau, 465 California Street, San Francisco, California.
- Trifunac, M. D. (June, 1972). "Stress Estimates for the San Fernando, California, Earthquake of February 9, 1971: Main Event and Thirteen Aftershocks," Bull. Seism. Soc. Am., v. 62, n. 3, 721-750.

- Trifunac, M. D. and D. E. Hudson (October, 1971). "Analysis of the Pacoima Dam Accelerogram," Bull. Seism. Soc. Am., v. 61, n. 5, 1393-1411.
- U. S. Department of Commerce (March, 1971). "The San Fernando, California, Earthquake of February 9, 1971," National Bureau of Standards Report 10556.
- U. S. Department of Commerce (December, 1971). "Engineering Aspects of the 1971 San Fernando Earthquake," Building Science Series 40, National Bureau of Standards.
- U. S. Geological Survey and the National Oceanic and Atmospheric Administration. "The San Fernando, California, Earthquake of February 9, 1971," Geological Survey Professional Paper 733, (preliminary report).

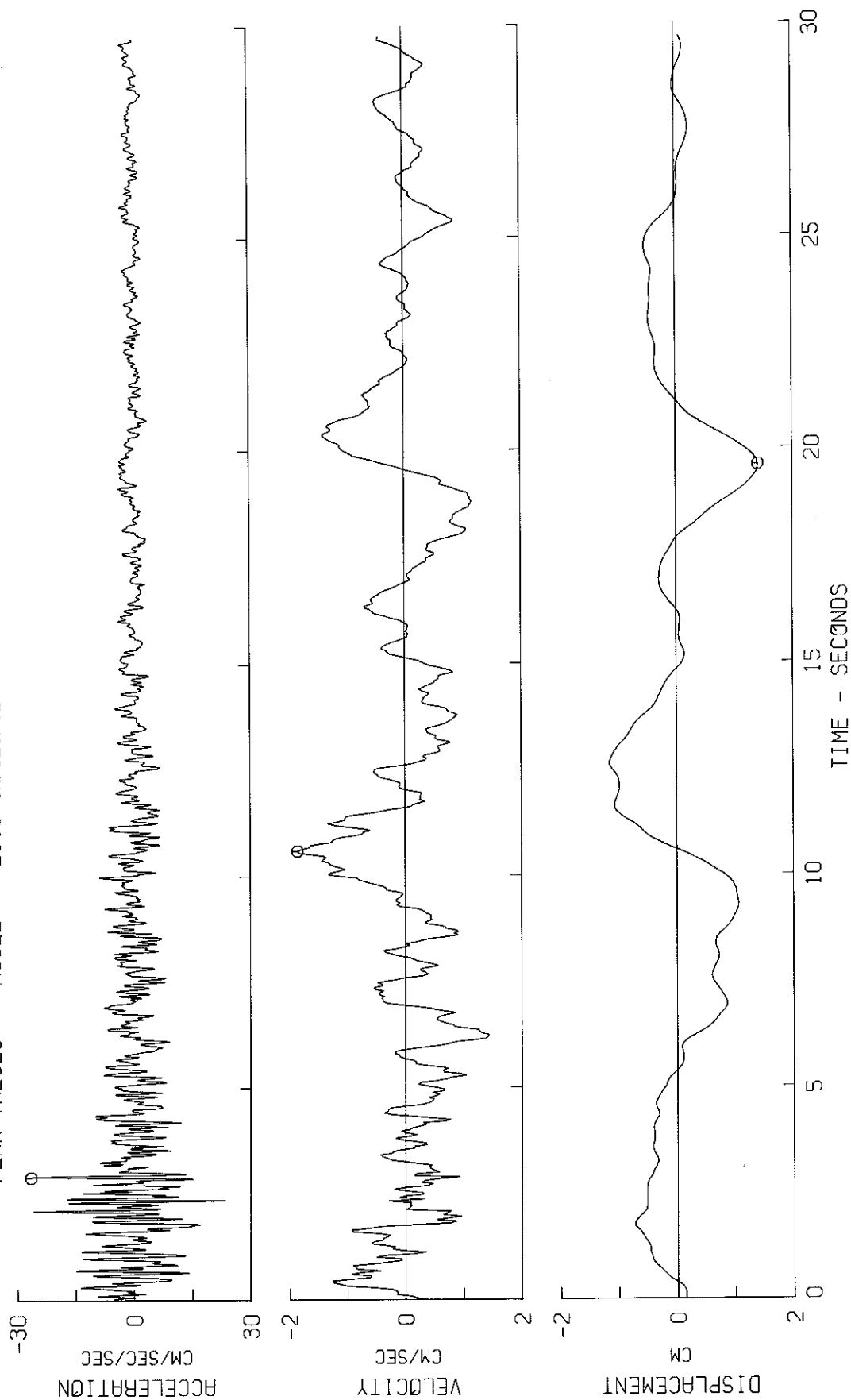
INDEX OF EARTHQUAKE RECORDS IN
VOLUME II, PART E

<u>Records</u>	<u>Plot</u>	<u>Print-Out</u>
San Fernando Earthquake, February 9, 1971 - 0600 PST		
IIE071; Wheeler Ridge, Calif. S, E, Down	12	57
IIE072; 4680 Wilshire Blvd., Basement, Los Angeles Calif.; N75W, N15E, Down	15	63
IIE073; 4680 Wilshire Blvd., 3rd Floor, Los Angeles, Calif.; N15E, N75W, Down	18	72
IIE074; 4680 Wilshire Blvd., 6th Floor, Los Angeles, Calif.; N15E, N75W, Down	21	84
IIE075; 3470 Wilshire Blvd., Sub-basement, Los Angeles, Calif.; N, W, Down	24	96
IIE076; 3470 Wilshire Blvd., 5th Floor, Los Angeles, Calif.; N, E, Down	27	105
IIE077; 3470 Wilshire Blvd., 11th Floor, Los Angeles, Calif.; N, E, Down	30	117
IIE078; L. A. Water and Power Bldg., Basement, Los Angeles, Calif.; N50W, S40W, Down	33	129
IIE079; L. A. Water and Power Bldg., 7th Floor, Los Angeles, Calif.; N50W, S40W, Down	36	141
IIE080; L. A. Water and Power Bldg., 15th Floor, Los Angeles, Calif.; N50W, S40W, Down	39	156
IIE081; Santa Felicia Dam, Outlet Works, Calif.; S08E, S82W, Down	42	168
IIE082; Santa Felicia Dam, Crest, Calif.; S15E, S75W, Down	45	177
IIE083; 3407 6th St., Basement, Los Angeles, Calif. S, E, Down	48	186
IIE084; 3407 6th St., 4th Floor, Los Angeles, Calif.; S, E, Down	51	198
IIE085; 3407 6th St., Penthouse, Los Angeles, Calif.; S, E, Down	54	210

SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST

11E071 71.004.0 WHEELER RIDGE, CAL. COMP 500W

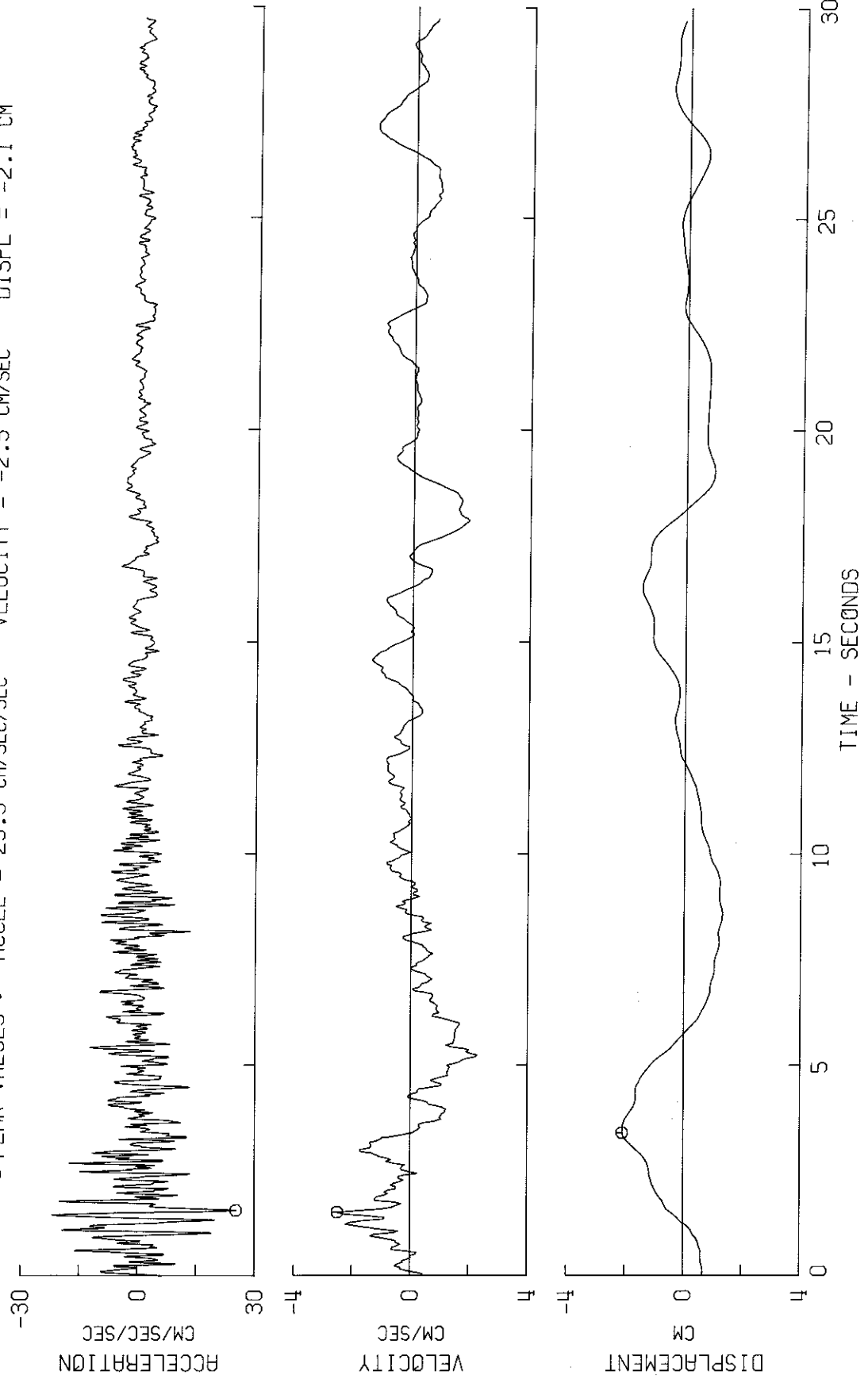
⊙ PEAK VALUES : ACCEL = -26.5 CM/SEC/SEC VELOCITY = -1.9 CM/SEC DISPL = 1.4 CM



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II071 71.004.0 WHEELER RIDGE, CAL. COMP N90E

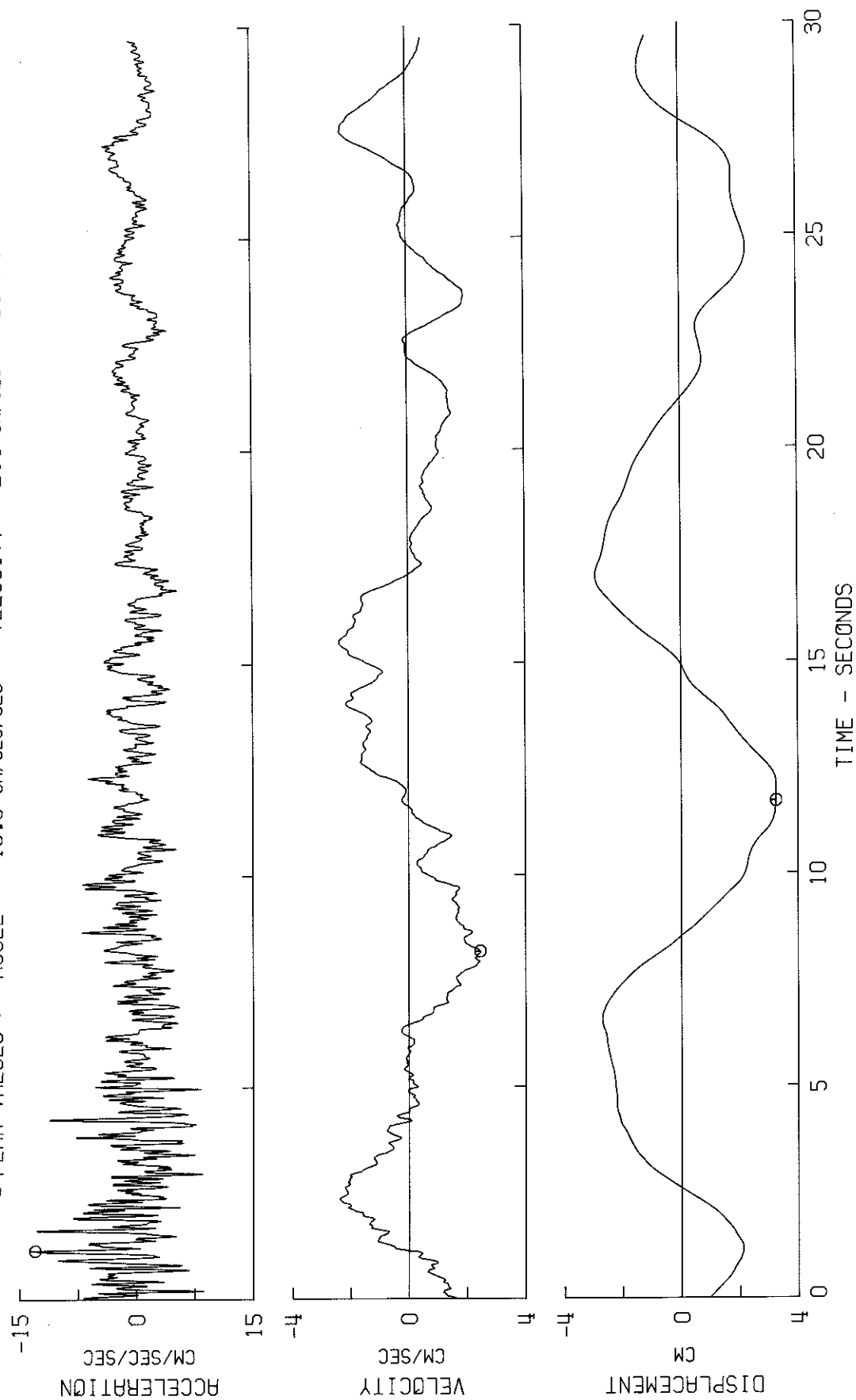
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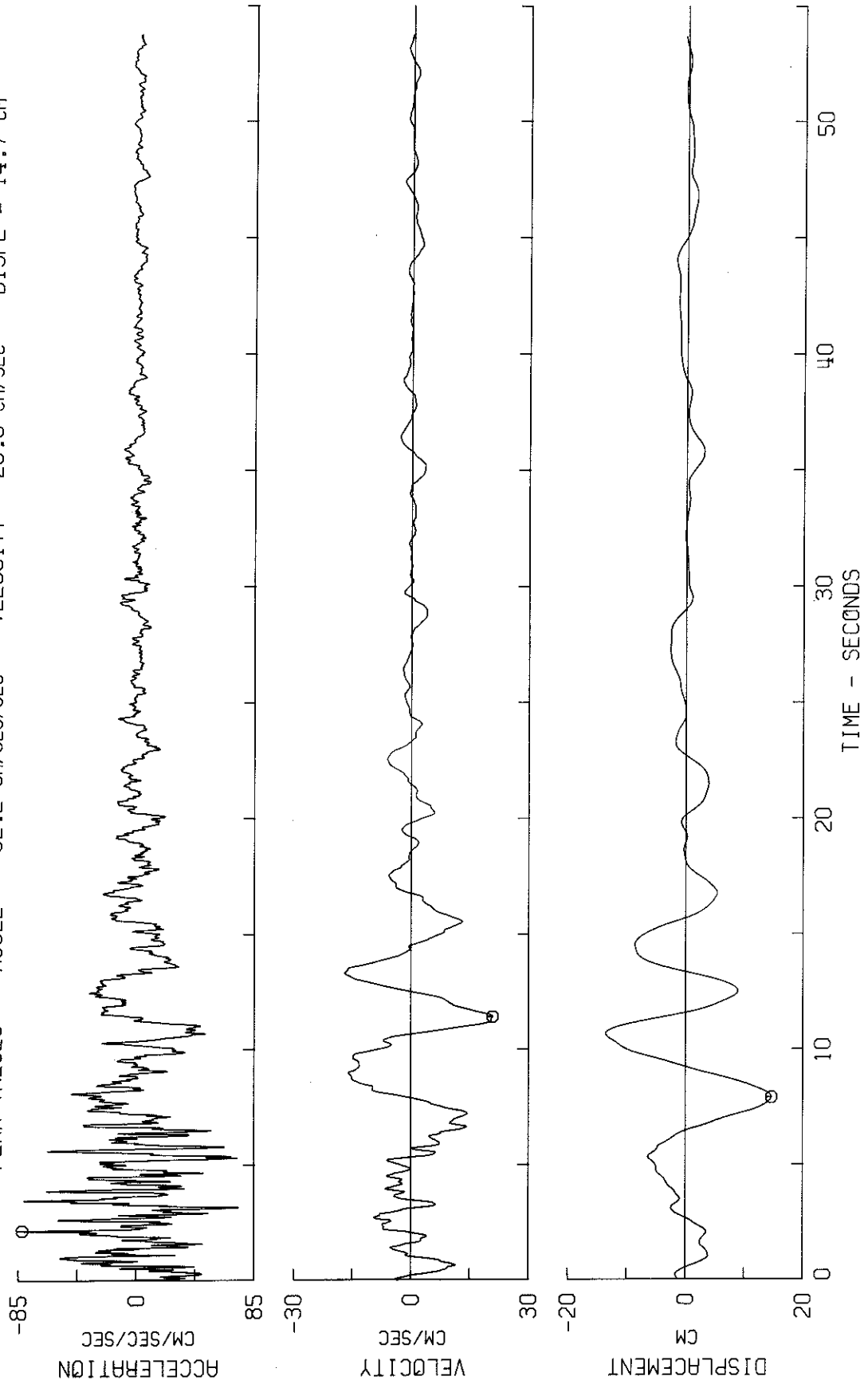
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST

II071 71.004.0 WHEELER RIDGE, CAL. COMP DOWN

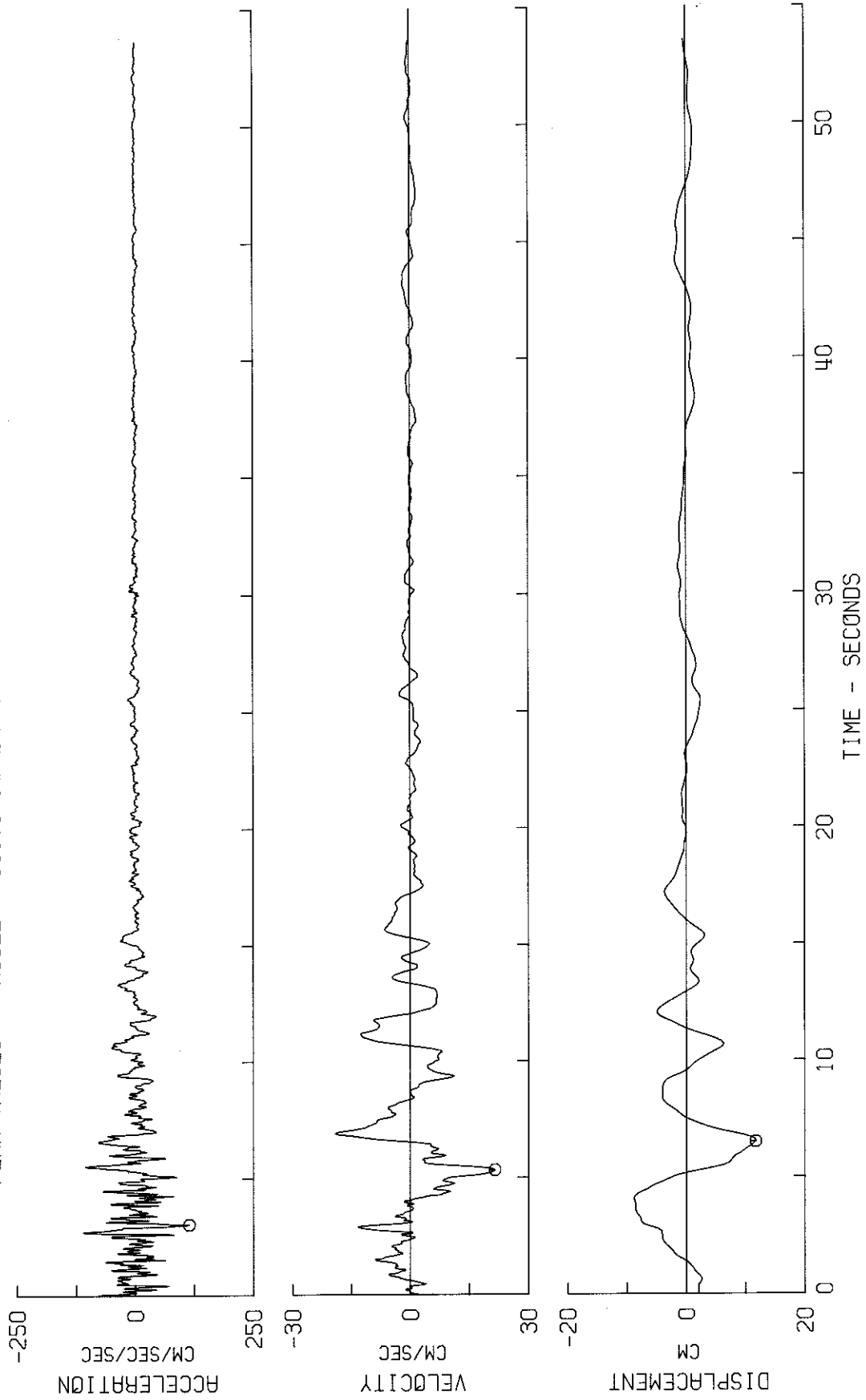
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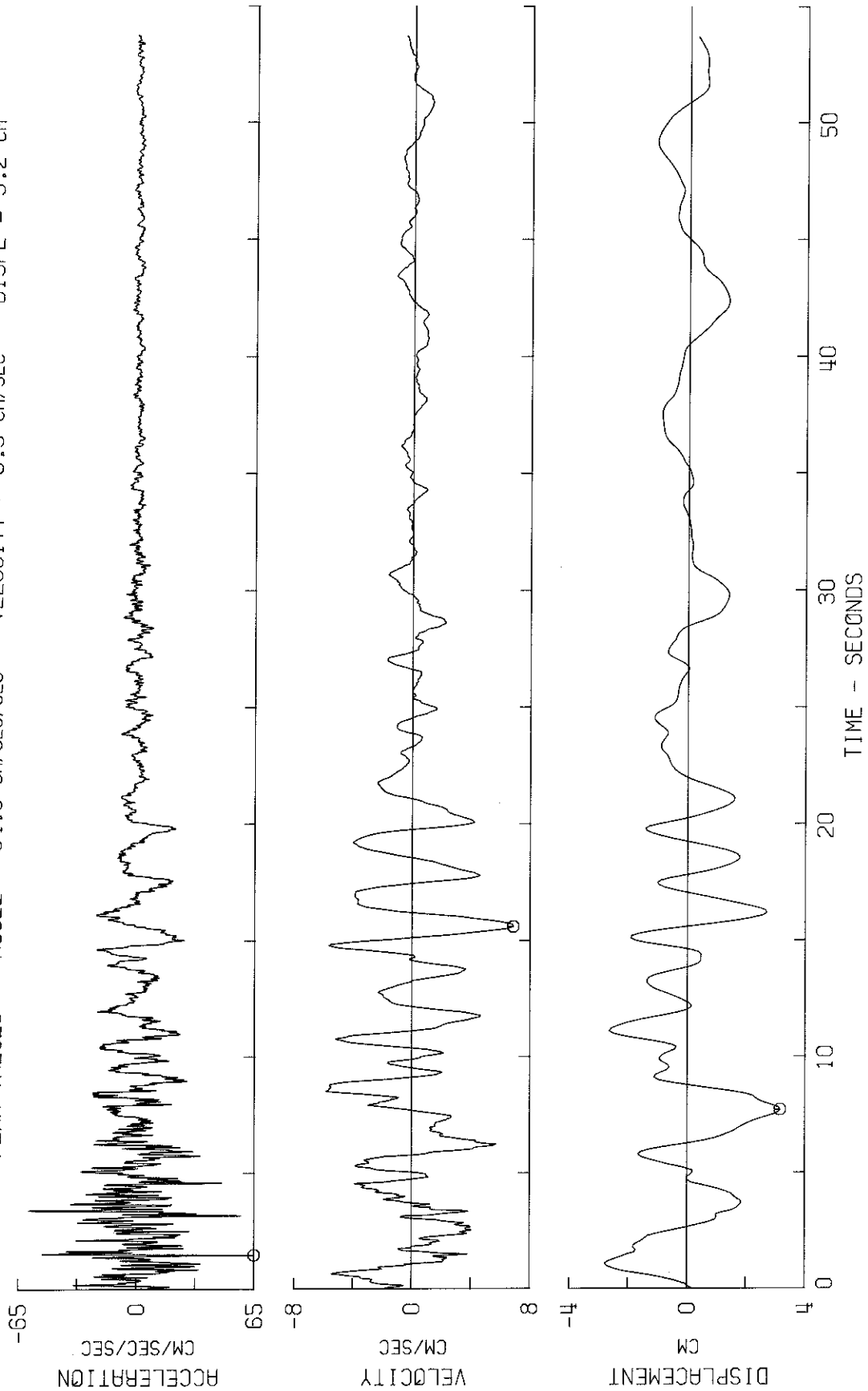
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
11E072 71.048.0 4680 WILSHIRE BLVD., BASEMENT, LOS ANGELES, CAL. COMP N75W
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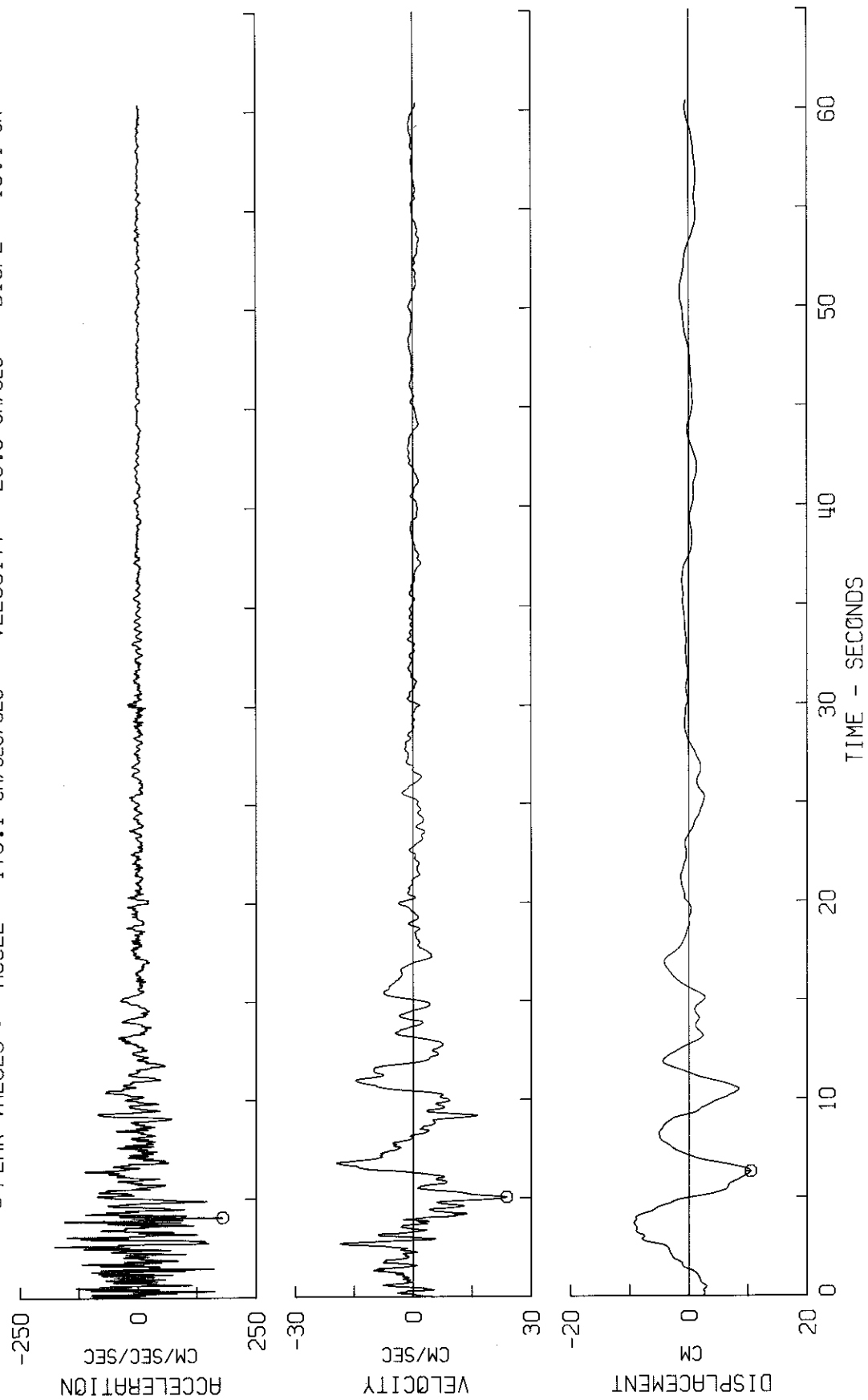
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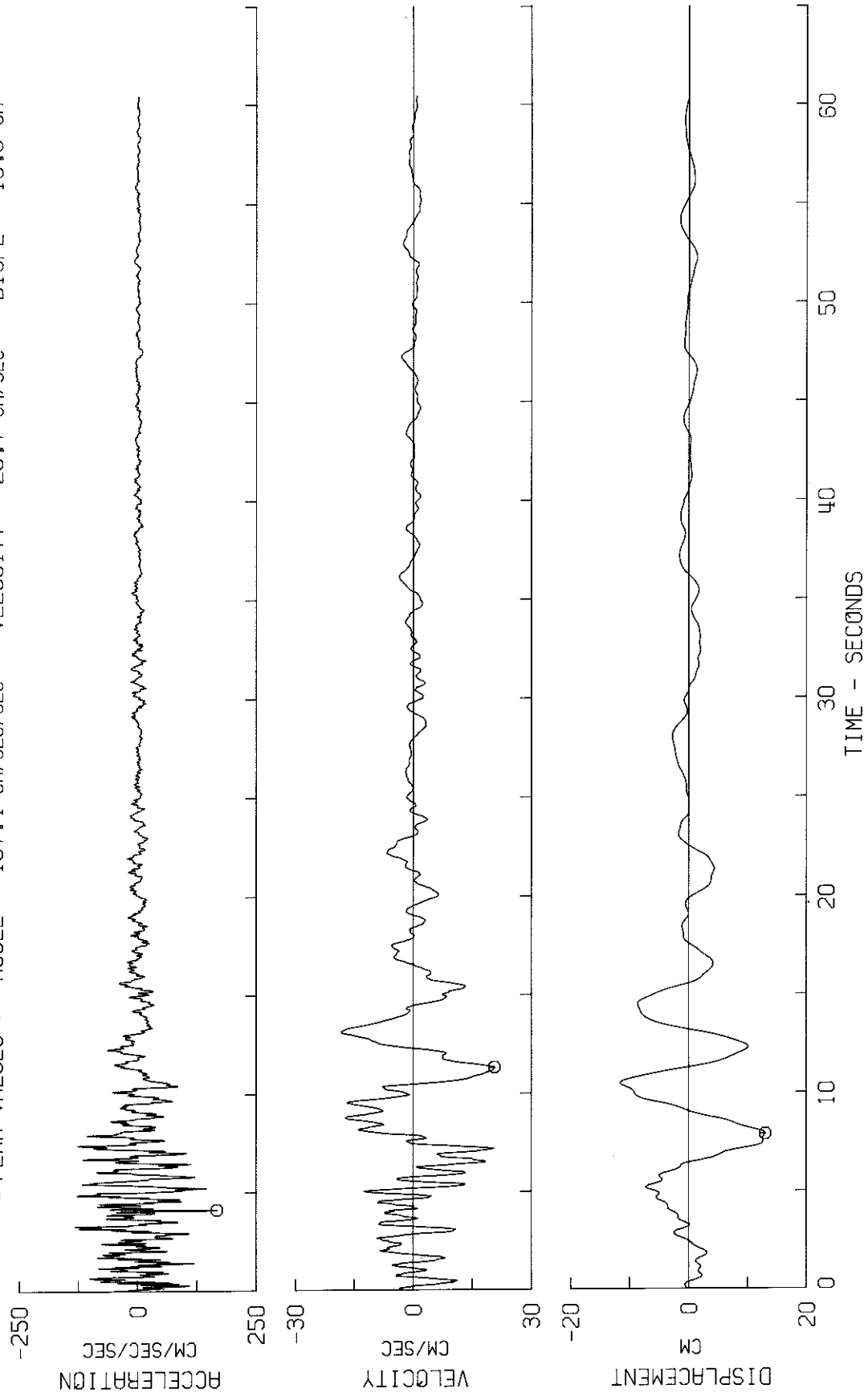
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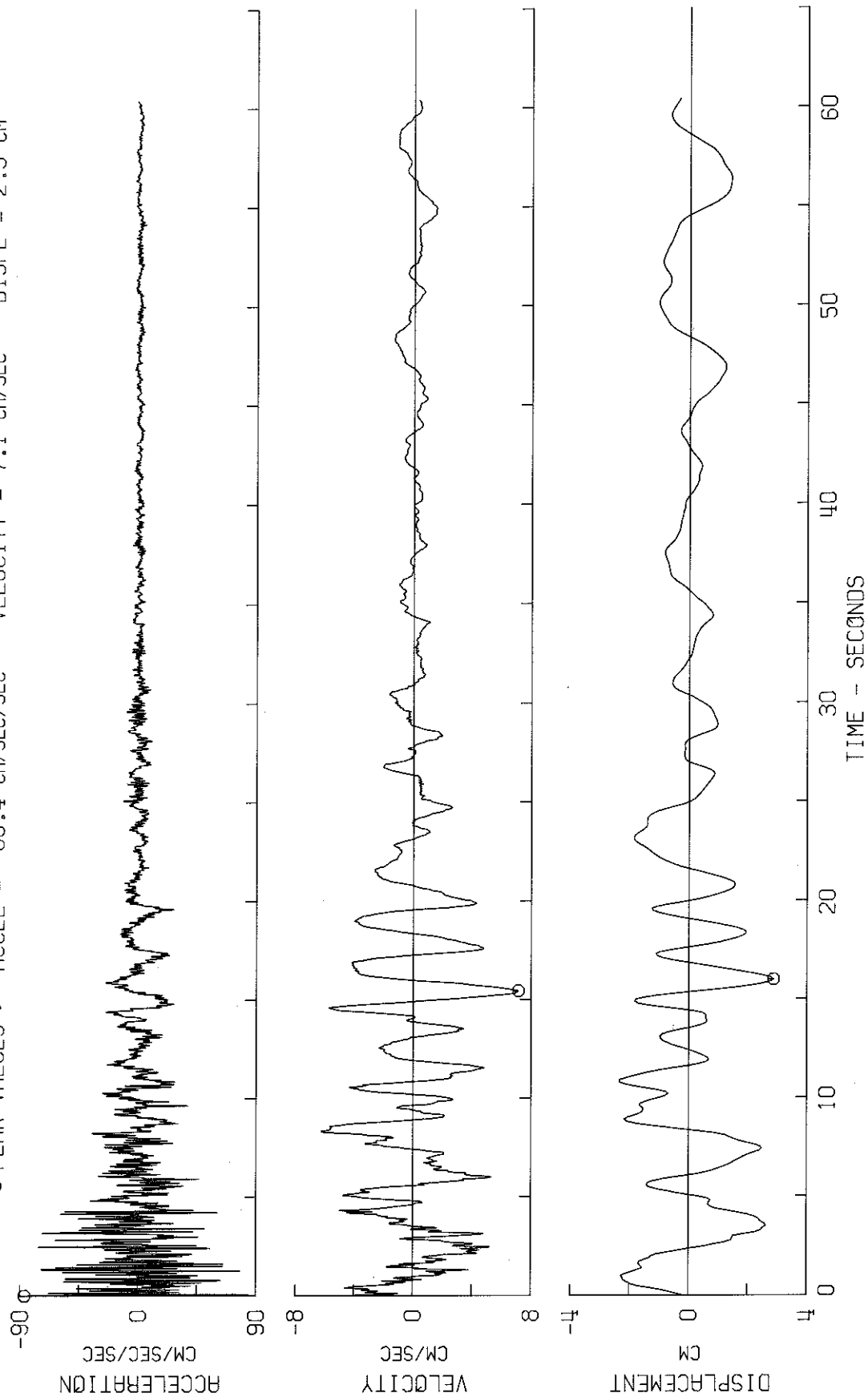
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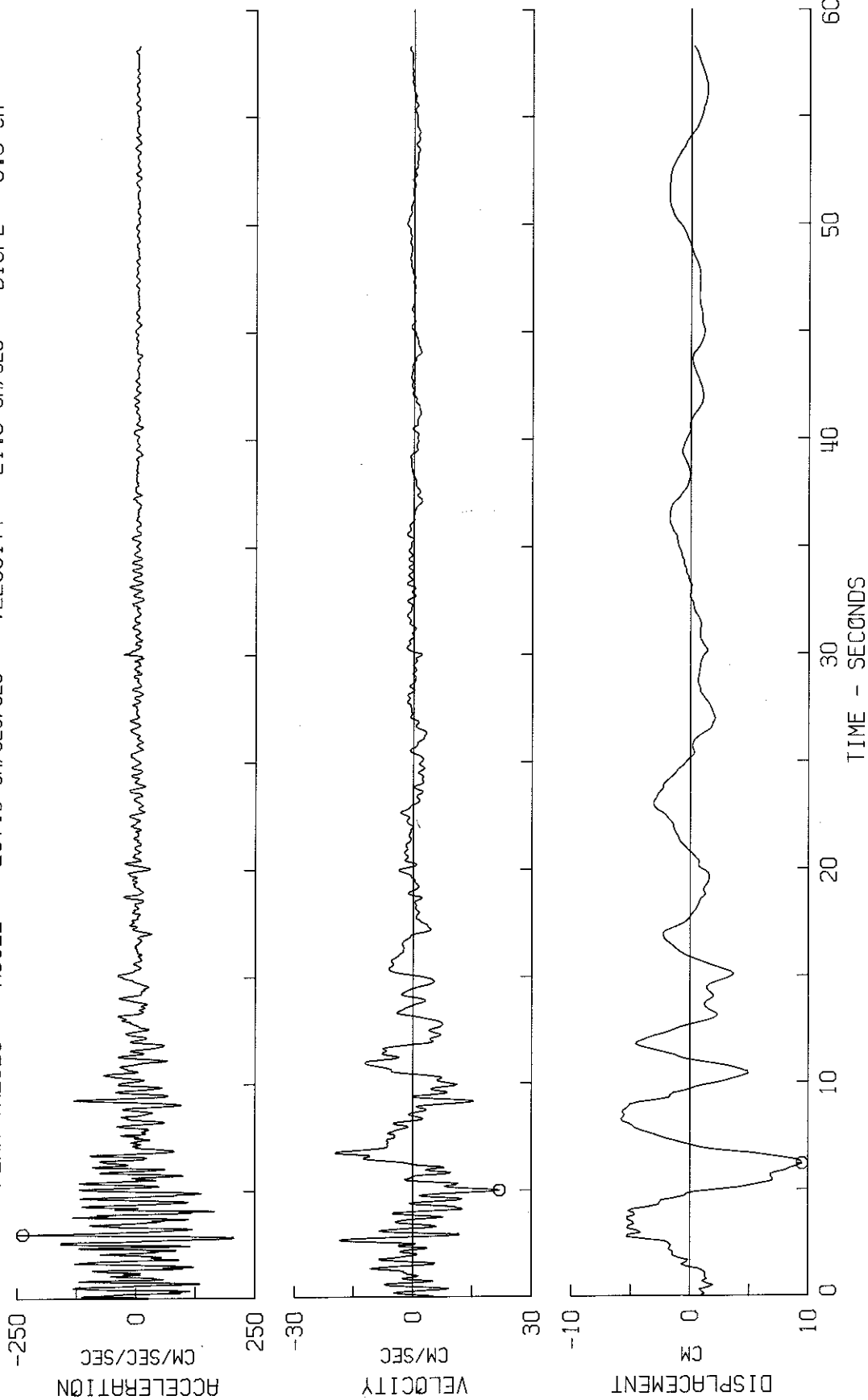
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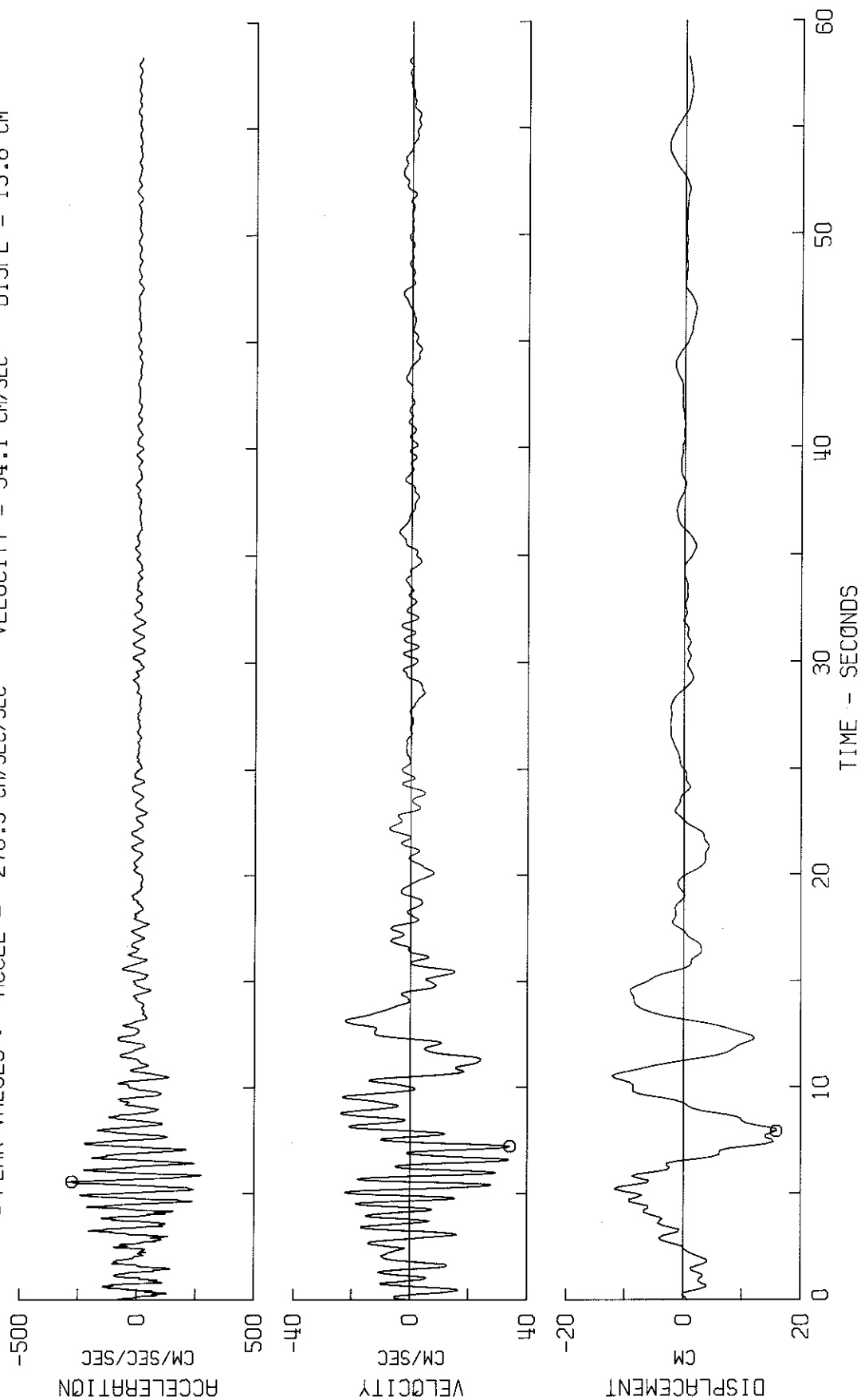
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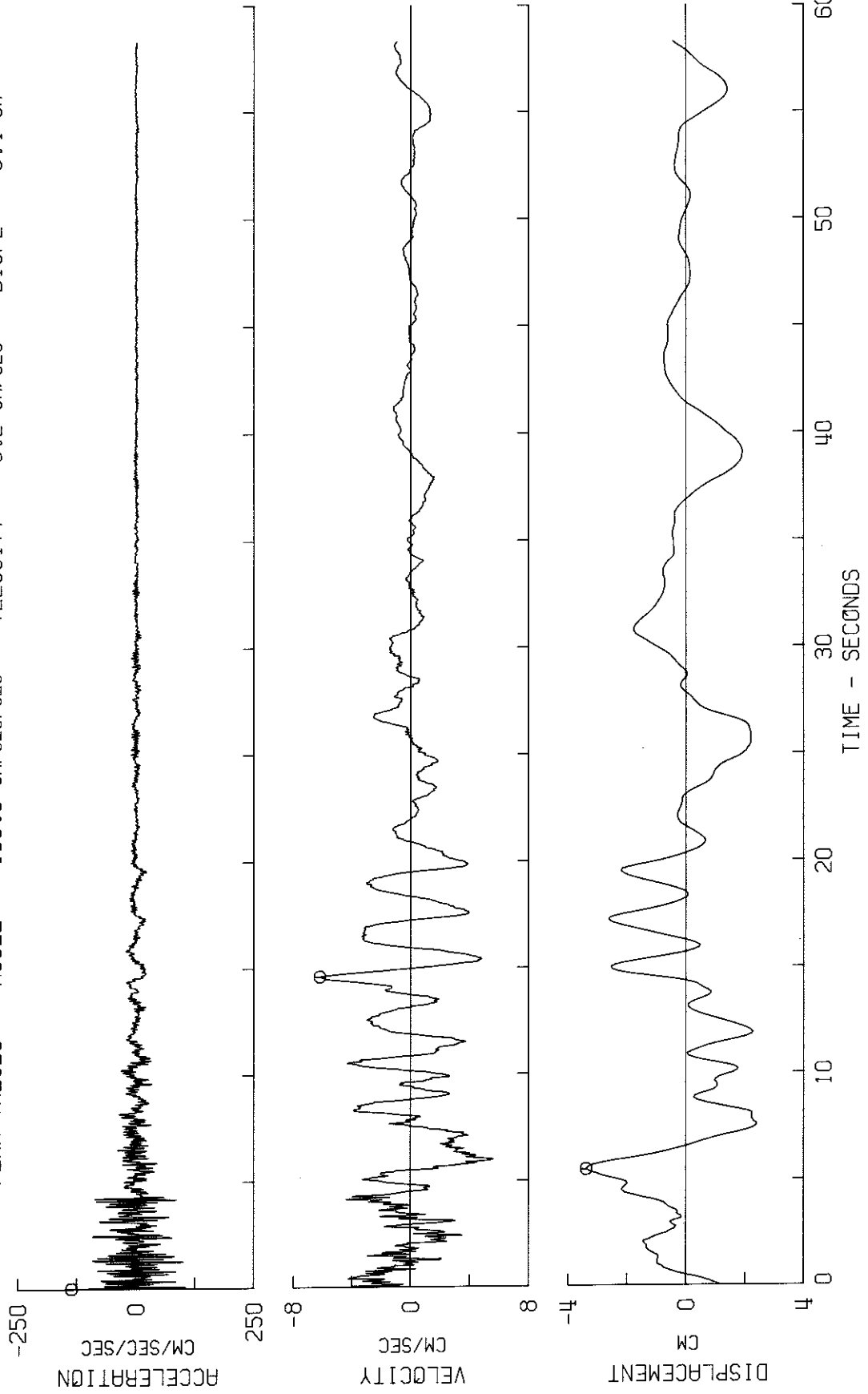
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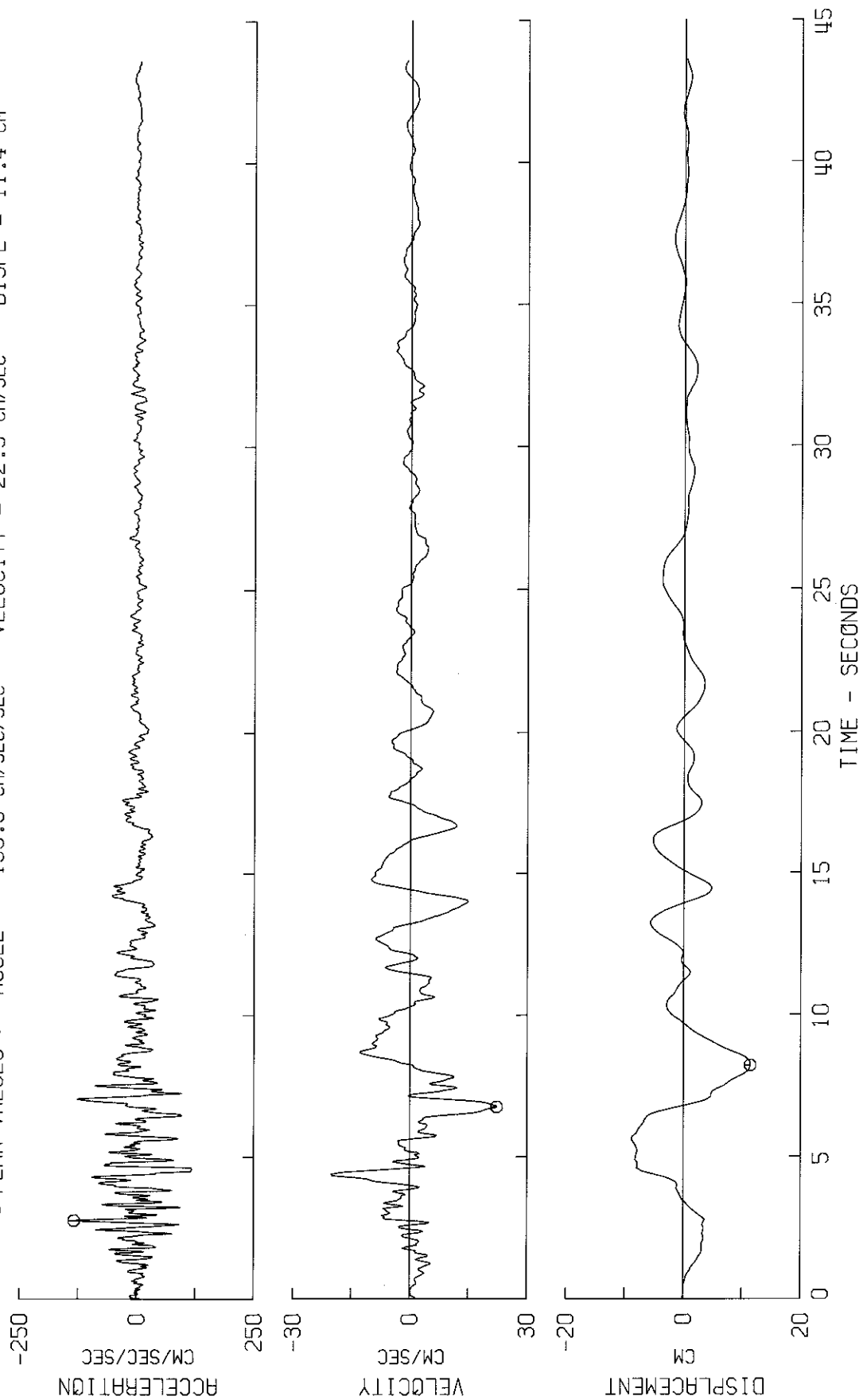
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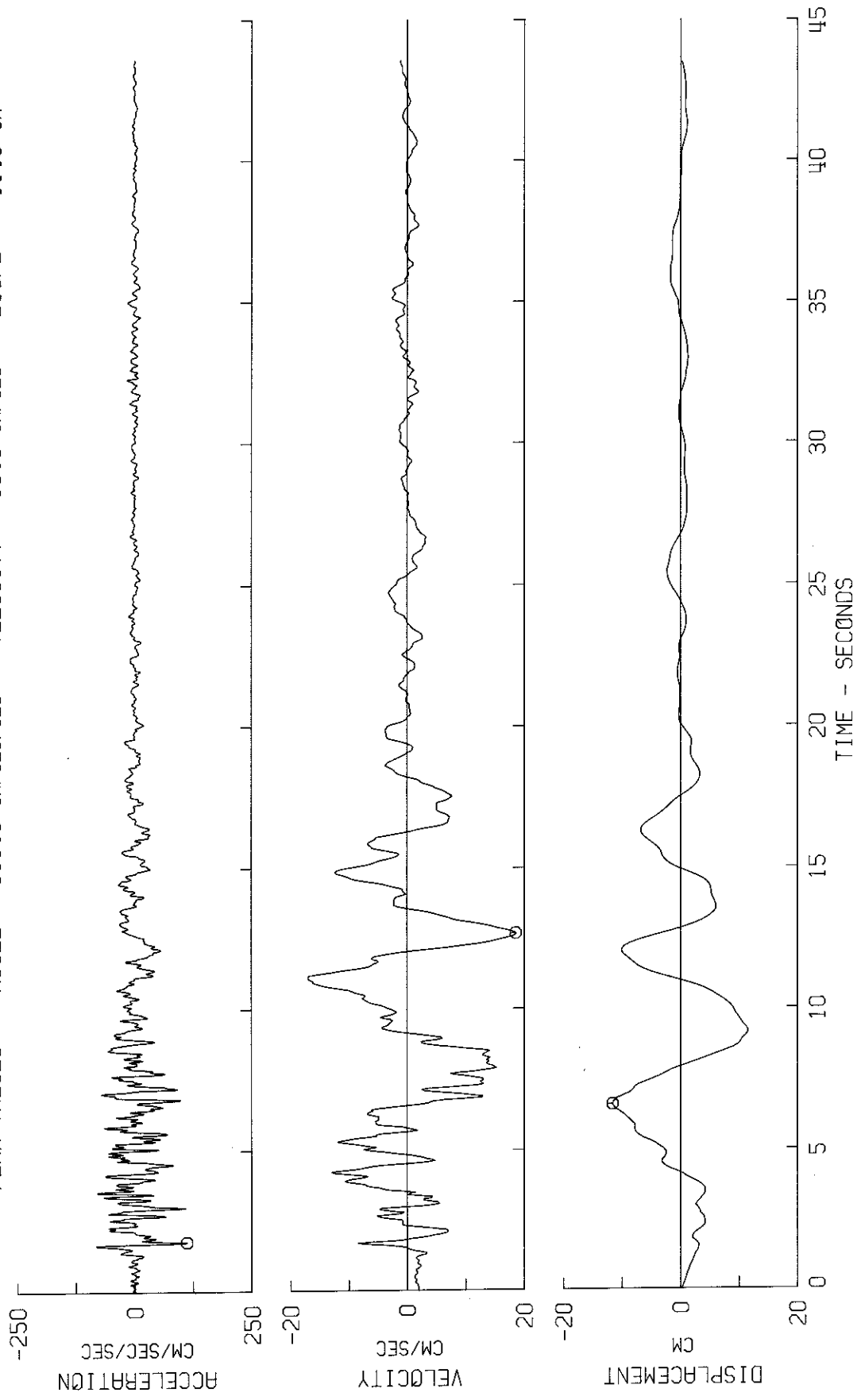
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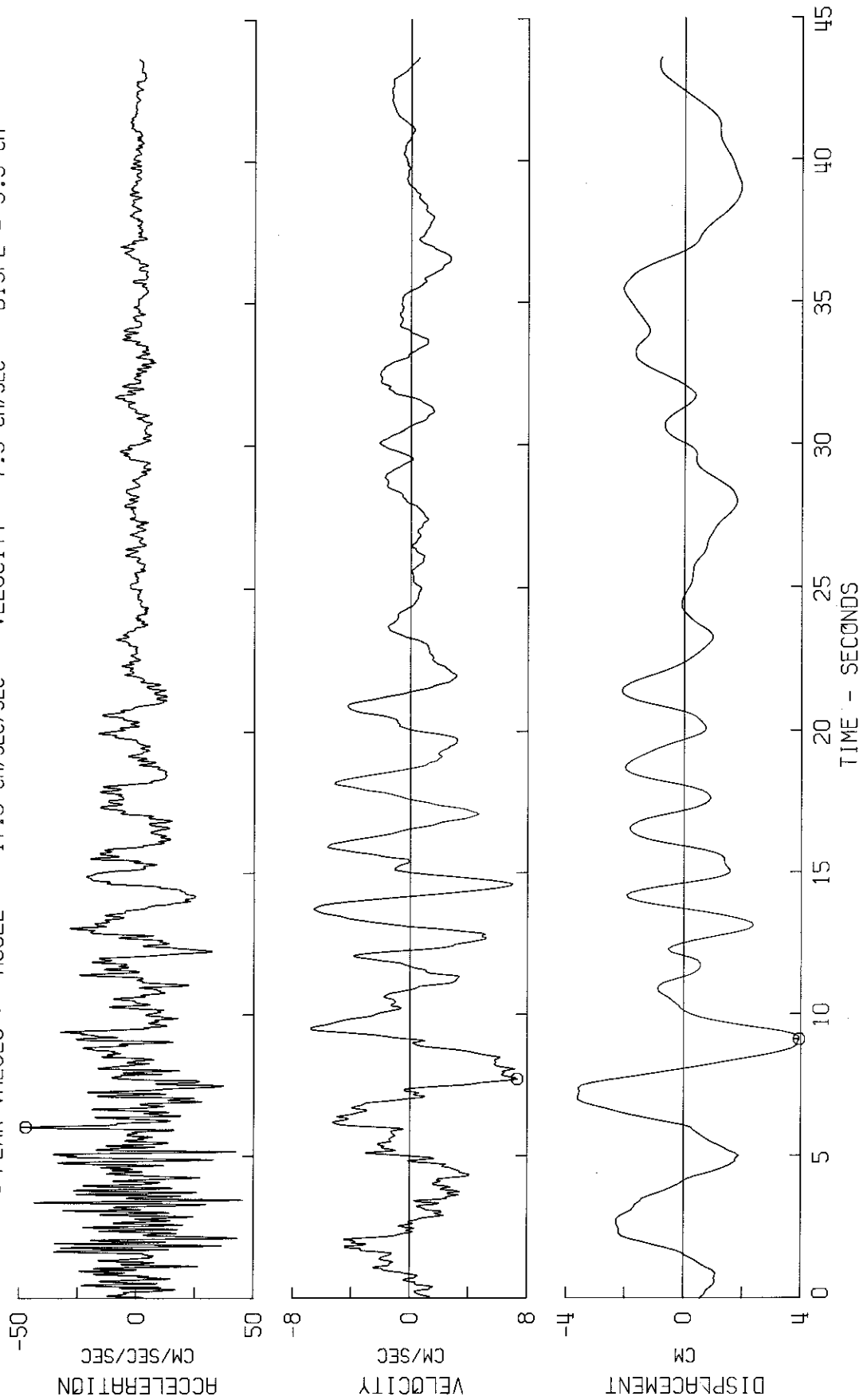
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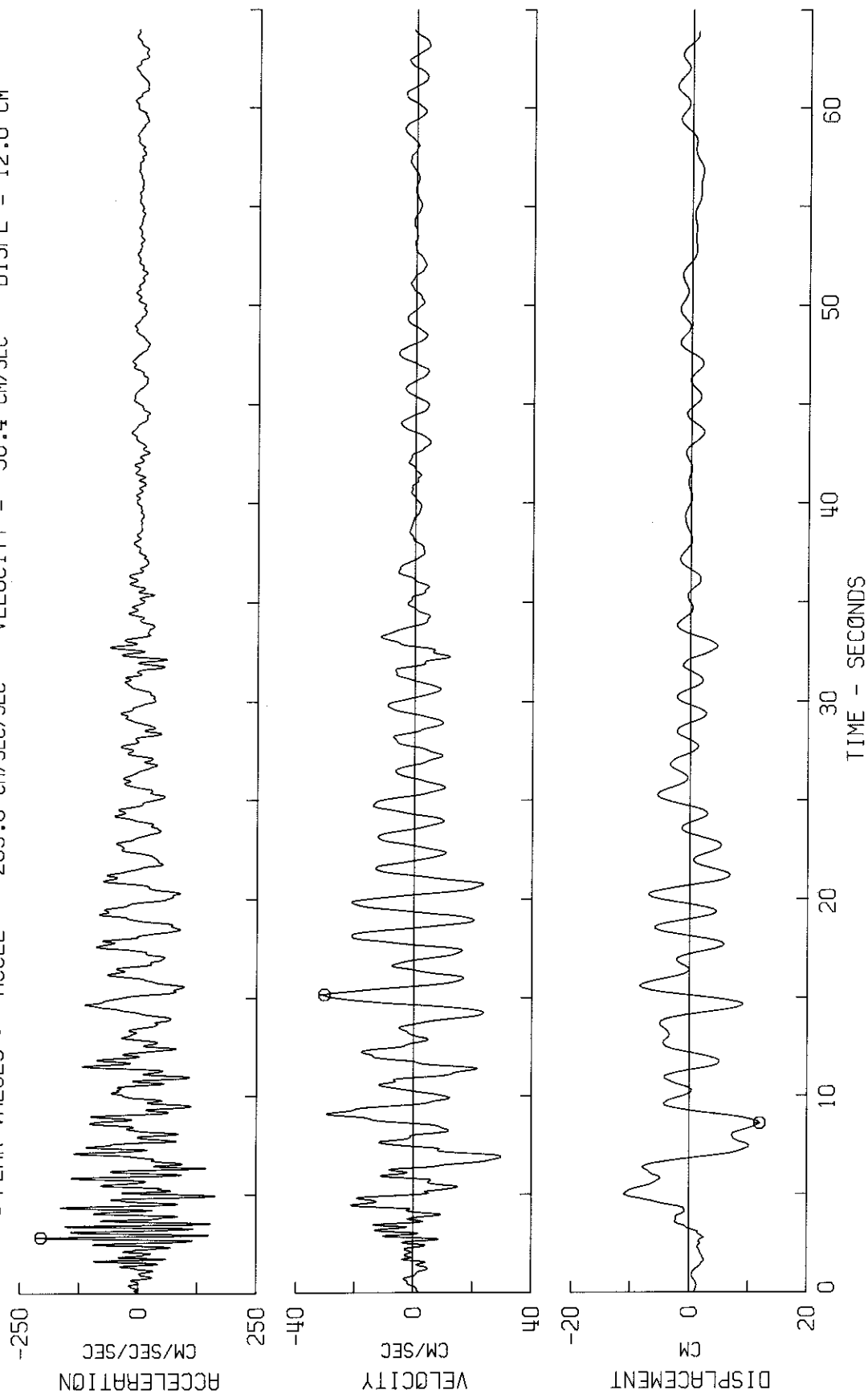
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
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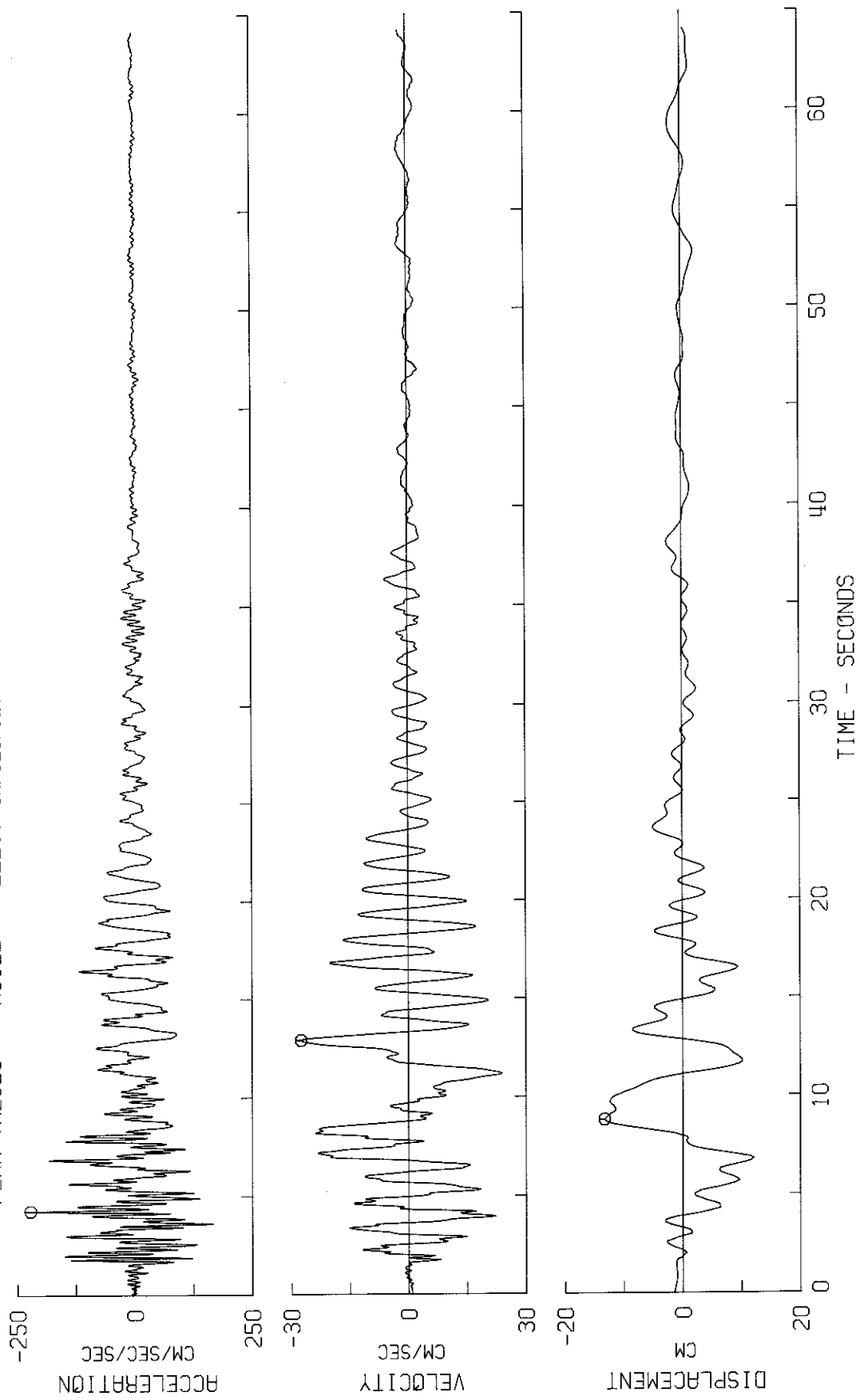
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 IIE075 71.056.0 3470 WILSHIRE BLVD., SUBBASEMENT, LOS ANGELES, CAL. COMP = DOWN
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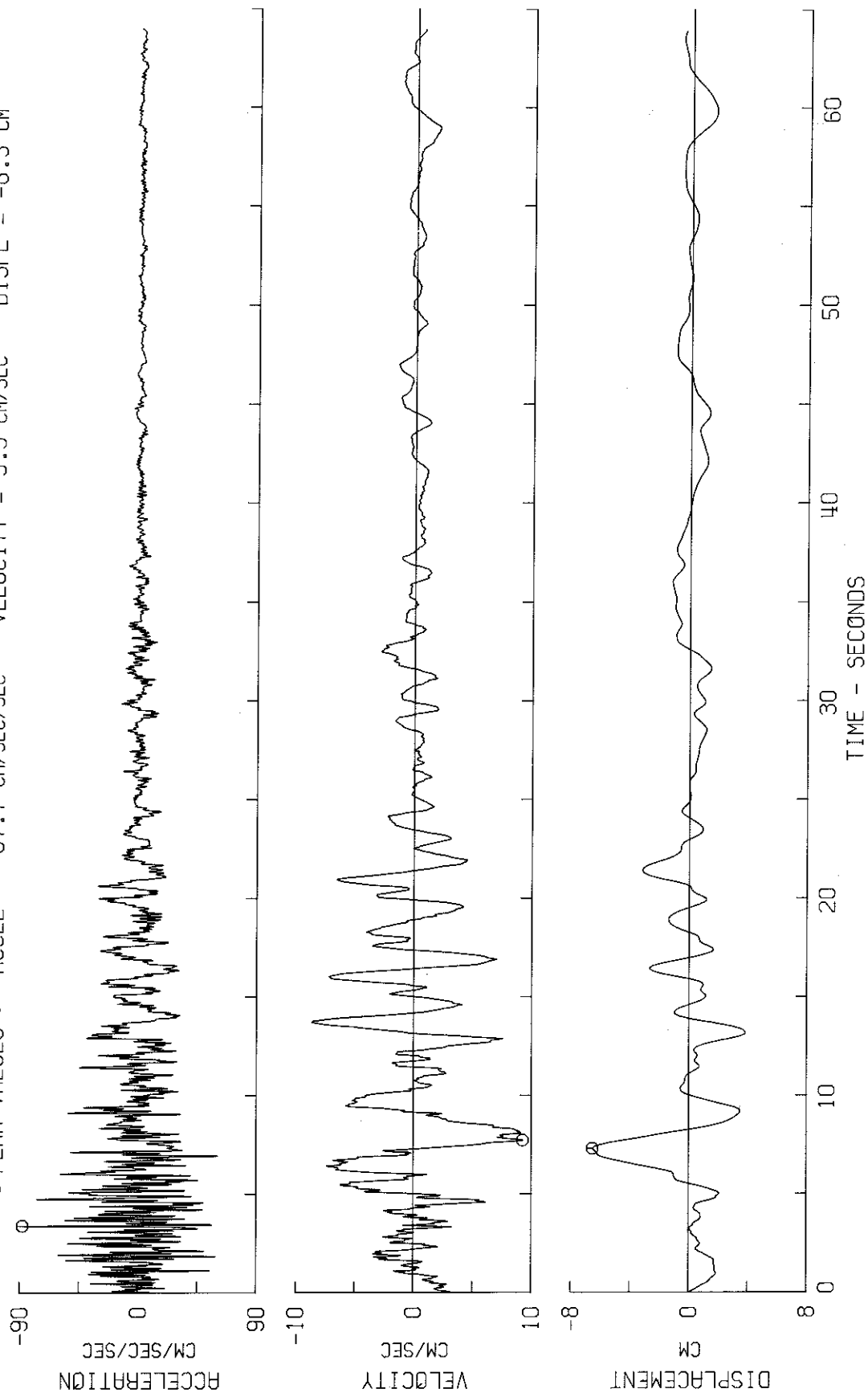
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 IIE076 71.057.0 3470 WILSHIRE BLVD., 5TH FLOOR, LOS ANGELES, CAL. COMP N00E
 ○ PEAK VALUES : ACCEL = -205.6 CM/SEC/SEC VELOCITY = -30.4 CM/SEC DISPL = 12.0 CM



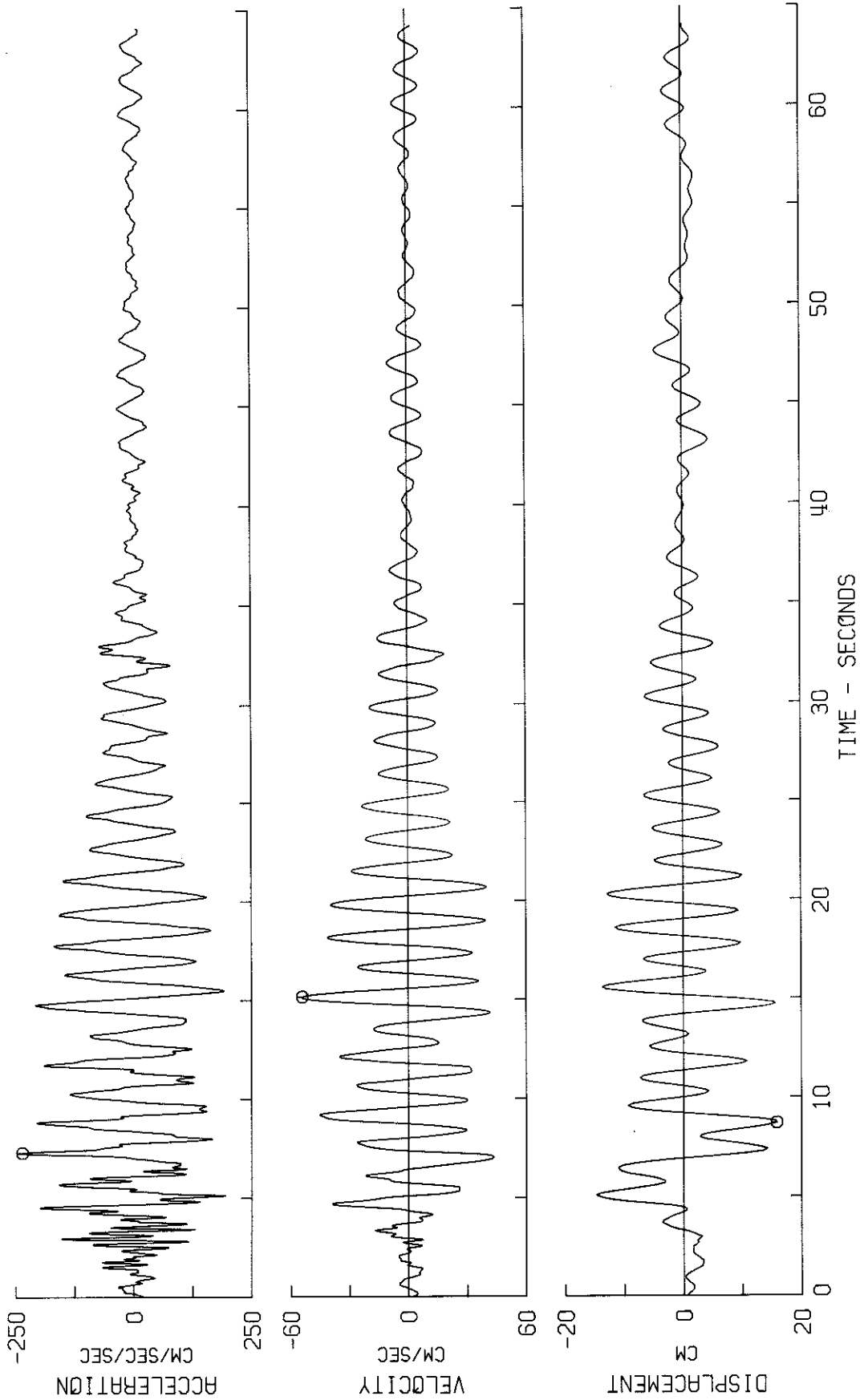
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 11E076 71.057.0 3470 WILSHIRE BLVD., 5TH FLOOR, LOS ANGELES, CAL. COMP N90E
 ○ PEAK VALUES: ACCEL = -222.7 CM/SEC/SEC VELOCITY = -27.5 CM/SEC DISPL = -13.3 CM



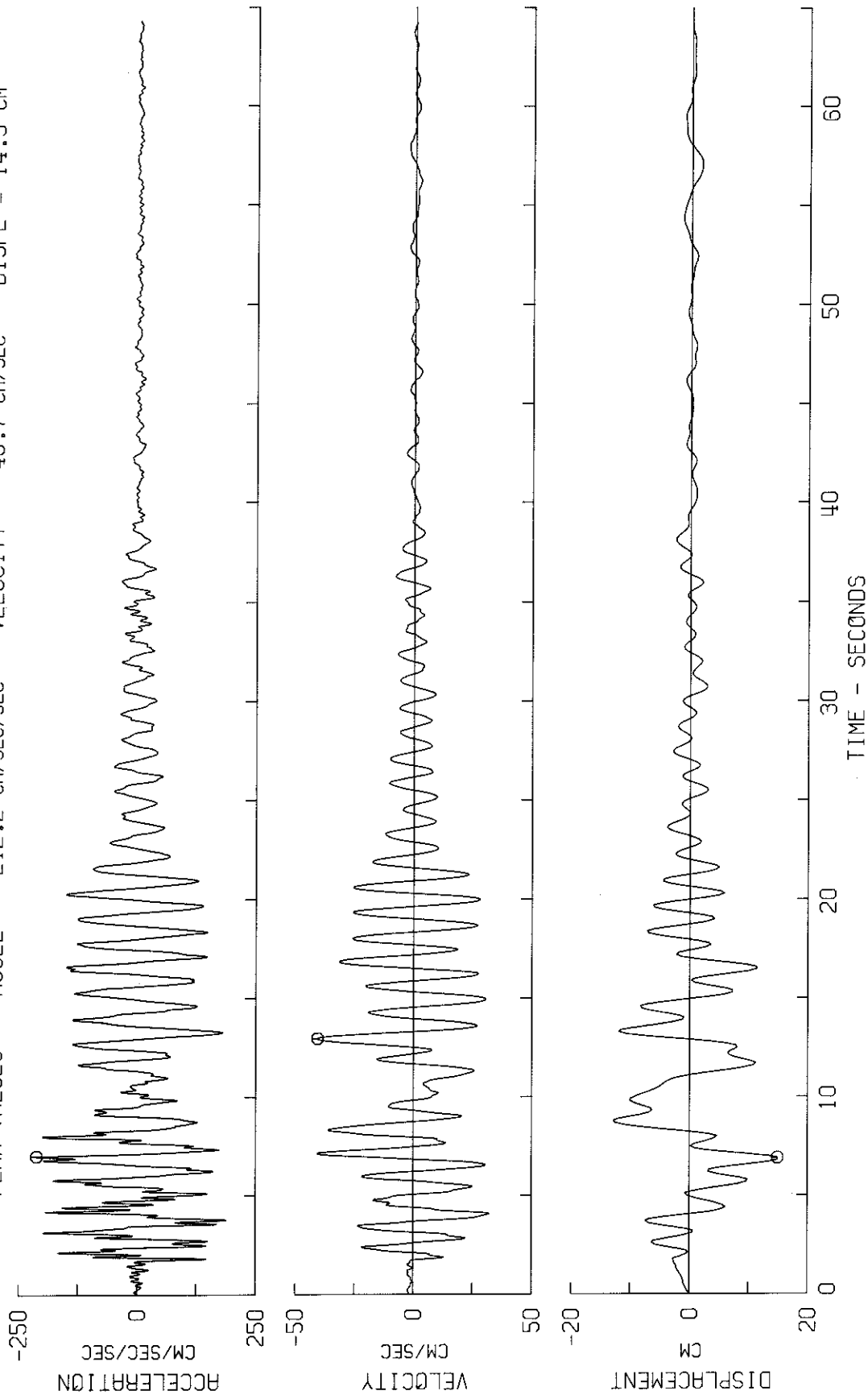
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 IIE076 71.057.0 3470 WILSHIRE BLVD., 5TH FLOOR, LOS ANGELES, CAL. COMP DOWN
 ○ PEAK VALUES : ACCEL = -87.7 CM/SEC/SEC VELOCITY = 9.3 CM/SEC DISPL = -6.5 CM



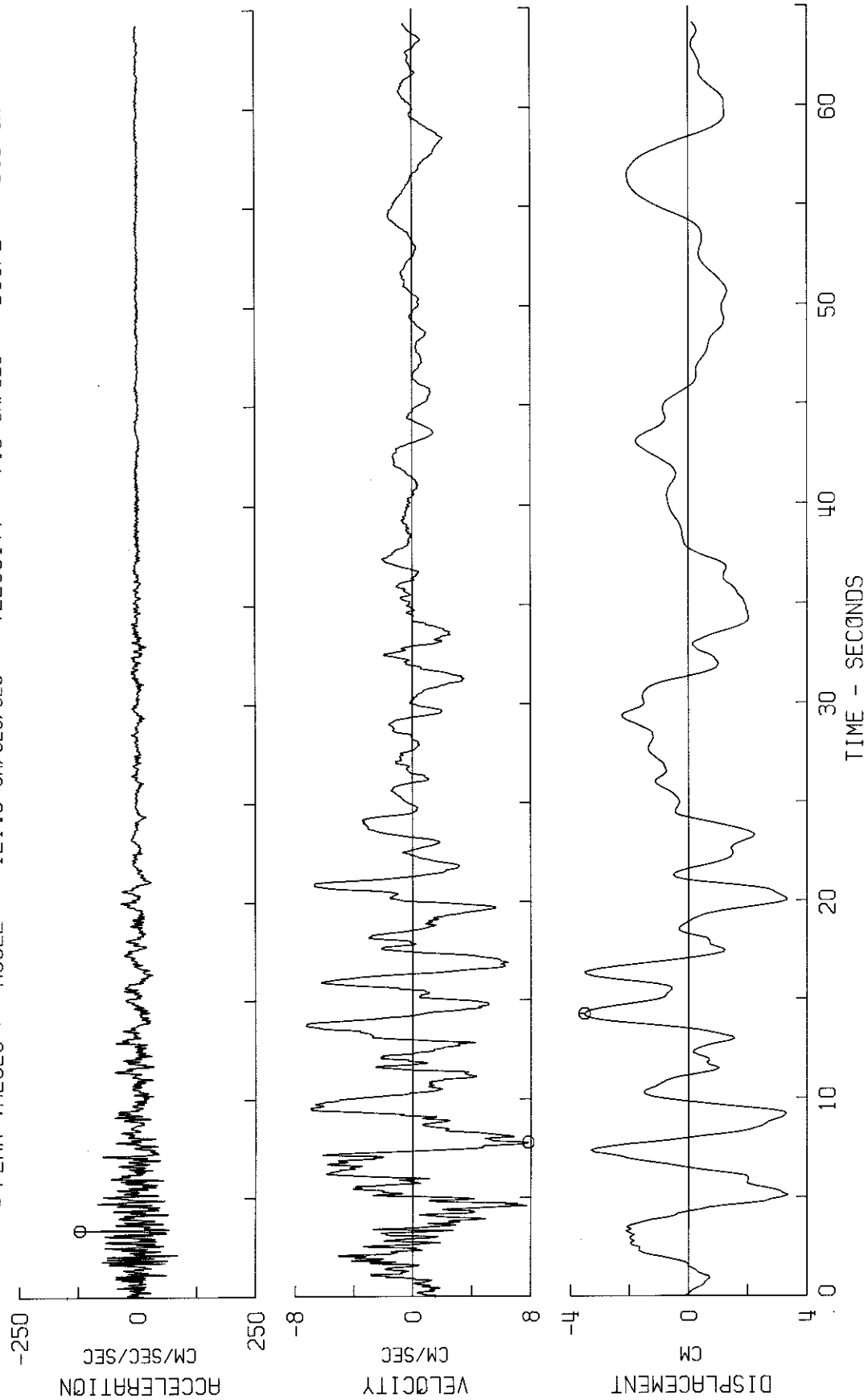
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 11E077 71.058.0 3470 WILSHIRE BLVD., 11TH FLOOR, LOS ANGELES, CAL. COMP NOOE
 PEAK VALUES : ACCEL = -236.0 CM/SEC/SEC VELOCITY = -54.1 CM/SEC DISPL = 15.8 CM



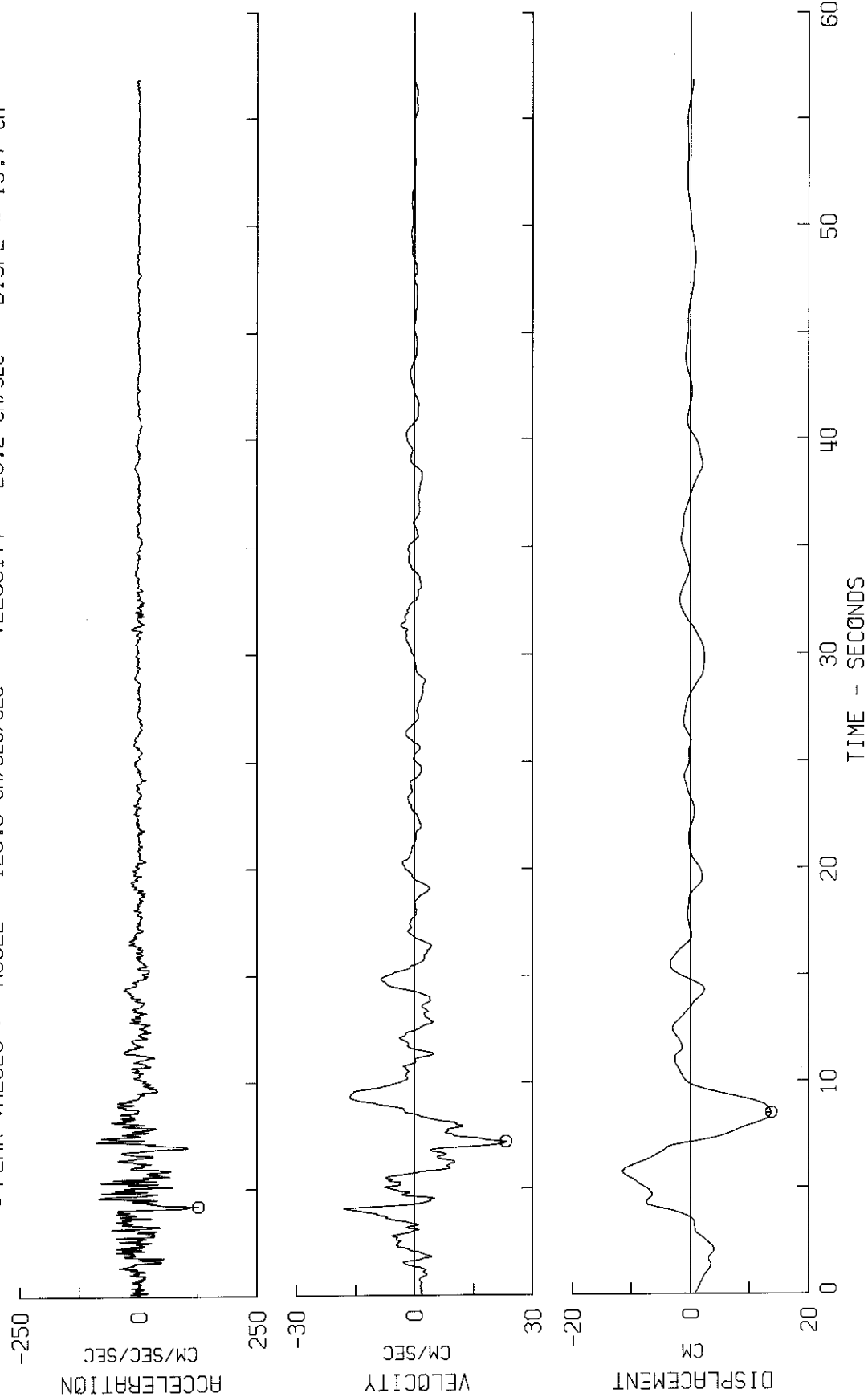
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 11E077 71.058.0 3470 WILSHIRE BLVD., 11TH FLOOR, LOS ANGELES, CAL. COMP N90E
 ○ PEAK VALUES : ACCEL = -212.2 CM/SEC/SEC VELOCITY = -40.7 CM/SEC DISPL = 14.9 CM



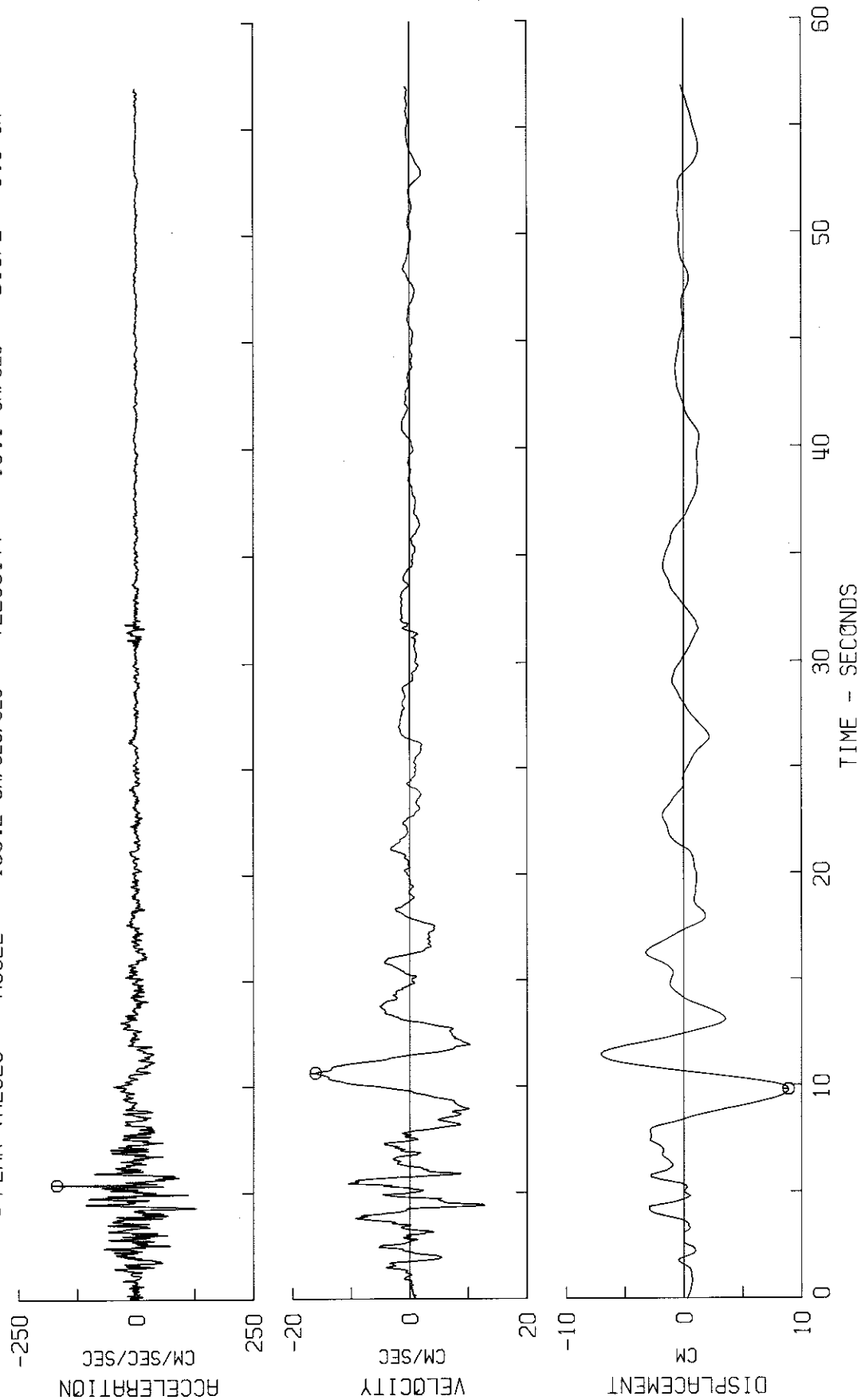
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 IIE077 71.058.0 3470 WILSHIRE BLVD., 11TH FLOOR, LOS ANGELES, CAL. COMP DOWN
 ○ PEAK VALUES : ACCEL = -121.8 CM/SEC/SEC VELOCITY = 7.8 CM/SEC DISPL = -3.5 CM



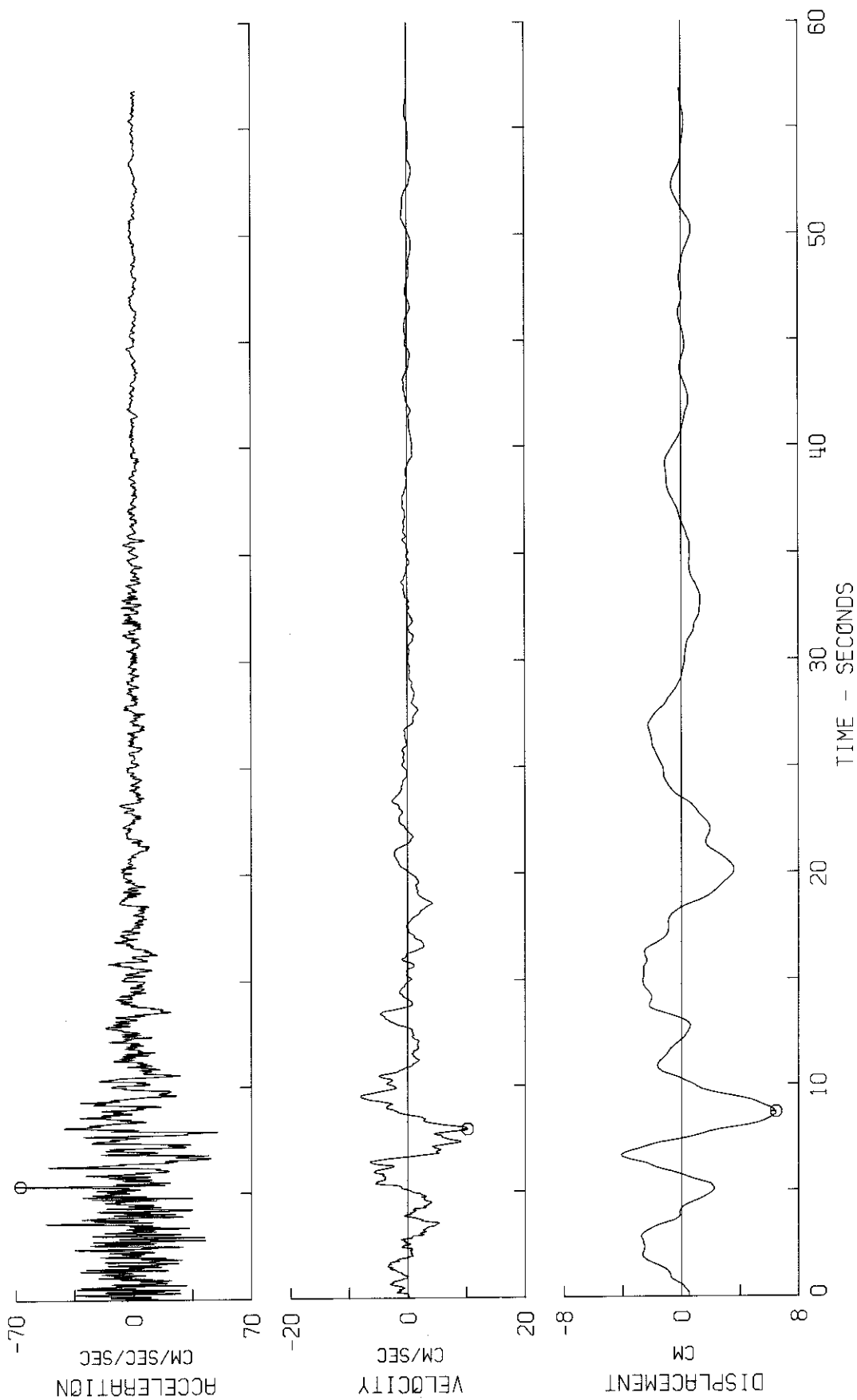
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 IIE078 71.059.0 WATER AND POWER BUILDING, BASEMENT, LOS ANGELES, CAL. COMP N50W
 ○ PEAK VALUES : ACCEL = 126.5 CM/SEC/SEC VELOCITY = 23.2 CM/SEC DISPL = 13.7 CM



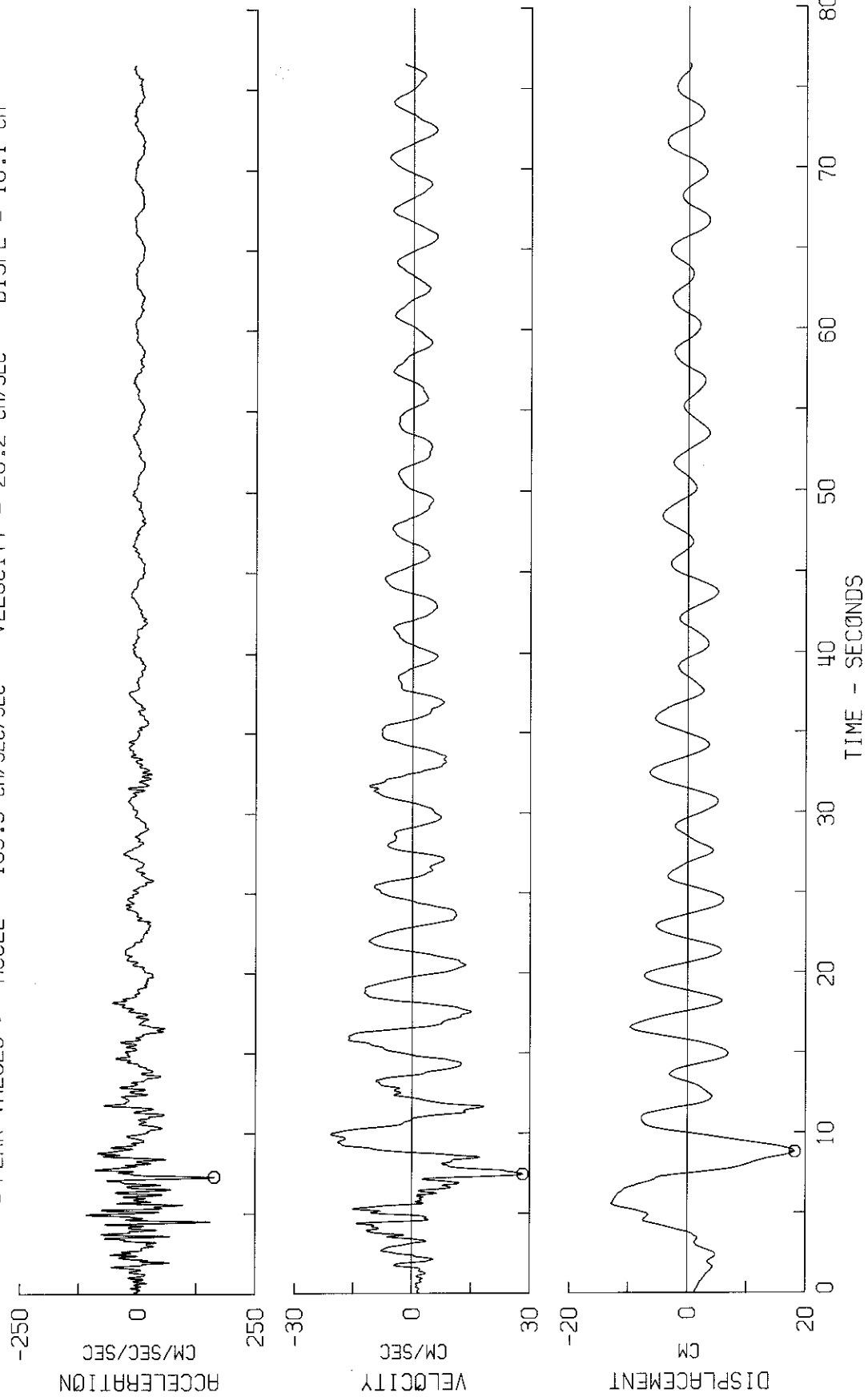
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 11E078 71.059.0 WATER AND POWER BUILDING, BASEMENT, LOS ANGELES, CAL. COMP SHOW
 ○ PEAK VALUES : ACCEL = -169.2 CM/SEC/SEC VELOCITY = -16.1 CM/SEC DISPL = 8.9 CM



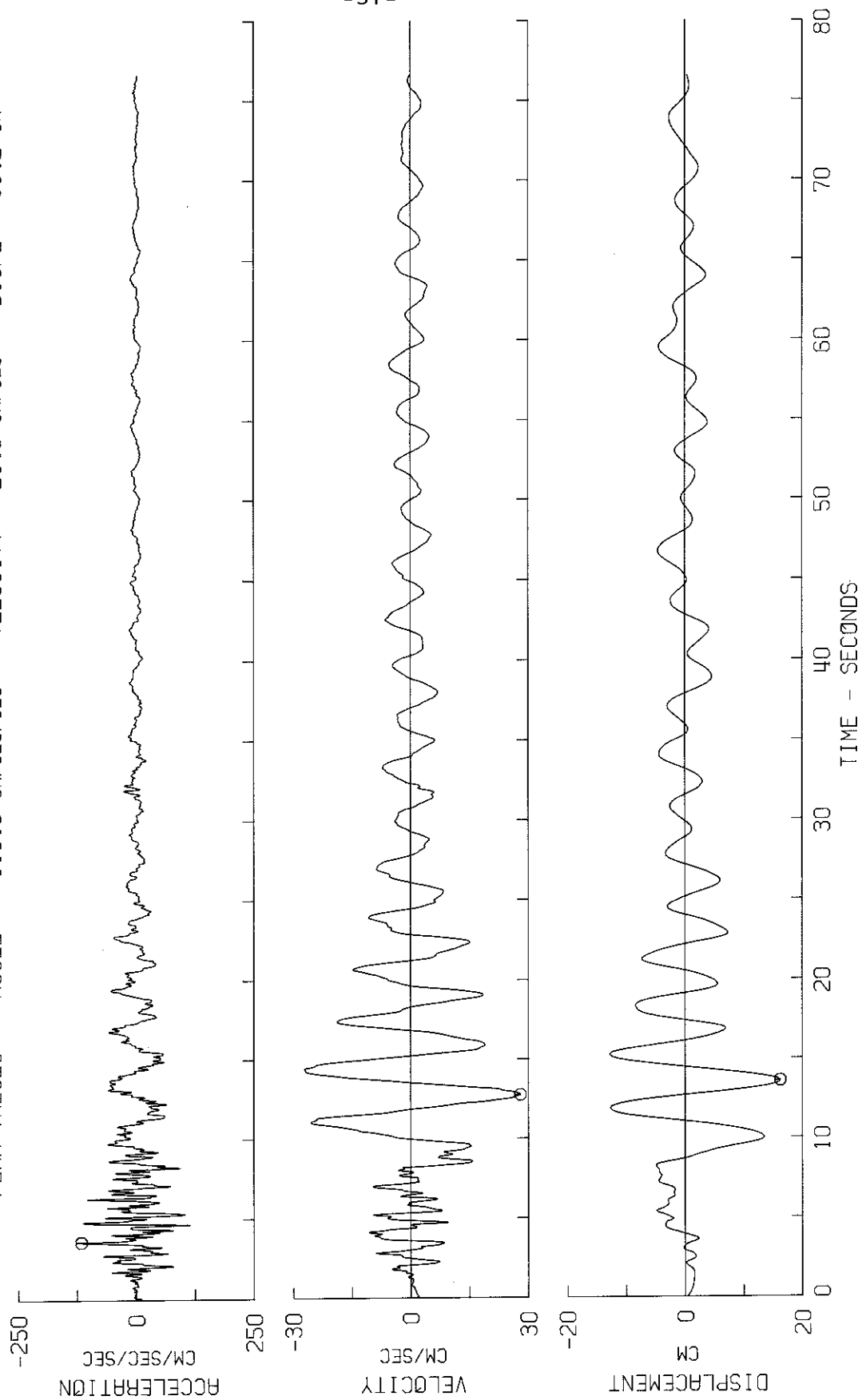
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 11E078 71.059.0 WATER AND POWER BUILDING, BASEMENT, LOS ANGELES, CAL. COMP DOWN
 ○ PEAK VALUES : ACCEL = -67.2 CM/SEC/SEC VELOCITY = 10.2 CM/SEC DISPL = 6.4 CM



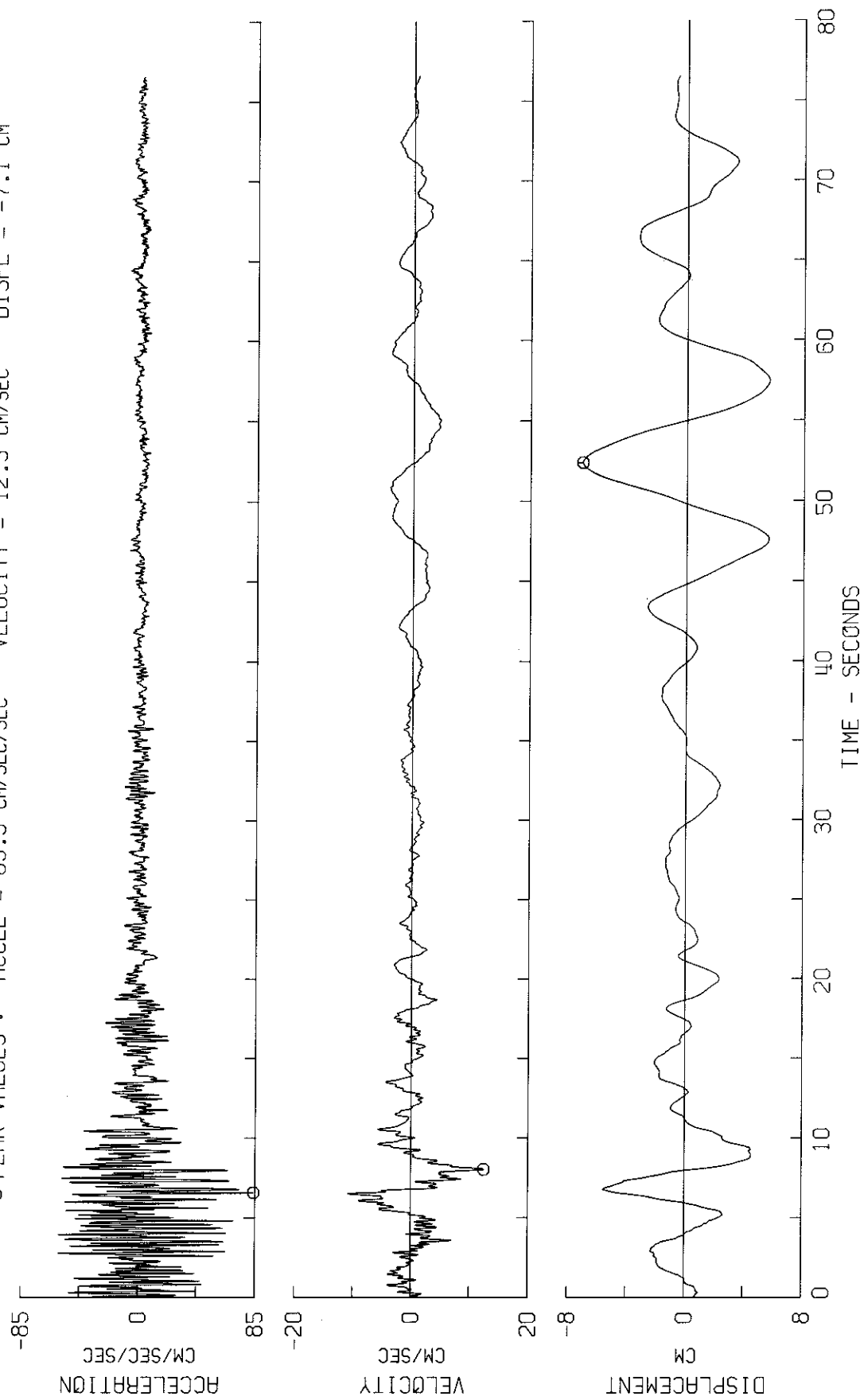
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 IIE079 71.092.0 WATER AND POWER BUILDING, 7TH FLOOR, LOS ANGELES, CAL. COMP N50W
 O PEAK VALUES : ACCEL = 163.3 CM/SEC/SEC VELOCITY = 28.2 CM/SEC DISPL = 18.1 CM



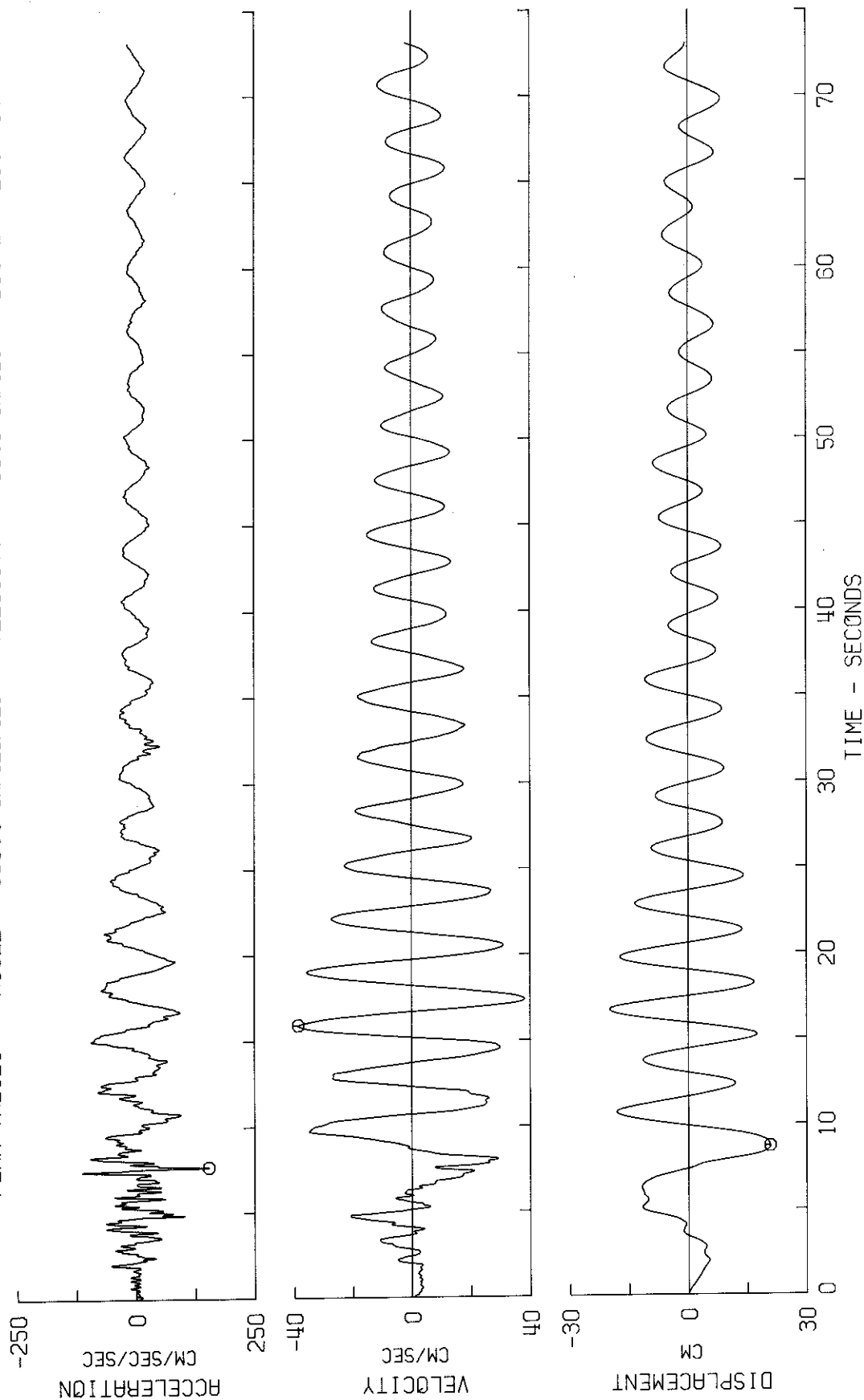
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
II079 71.092.0 WATER AND POWER BUILDING, 7TH FLOOR, LOS ANGELES, CAL. COMP S40W
⊙ PEAK VALUES : ACCEL = -116.6 CM/SEC/SEC VELOCITY = 28.0 CM/SEC DISPL = 16.2 CM



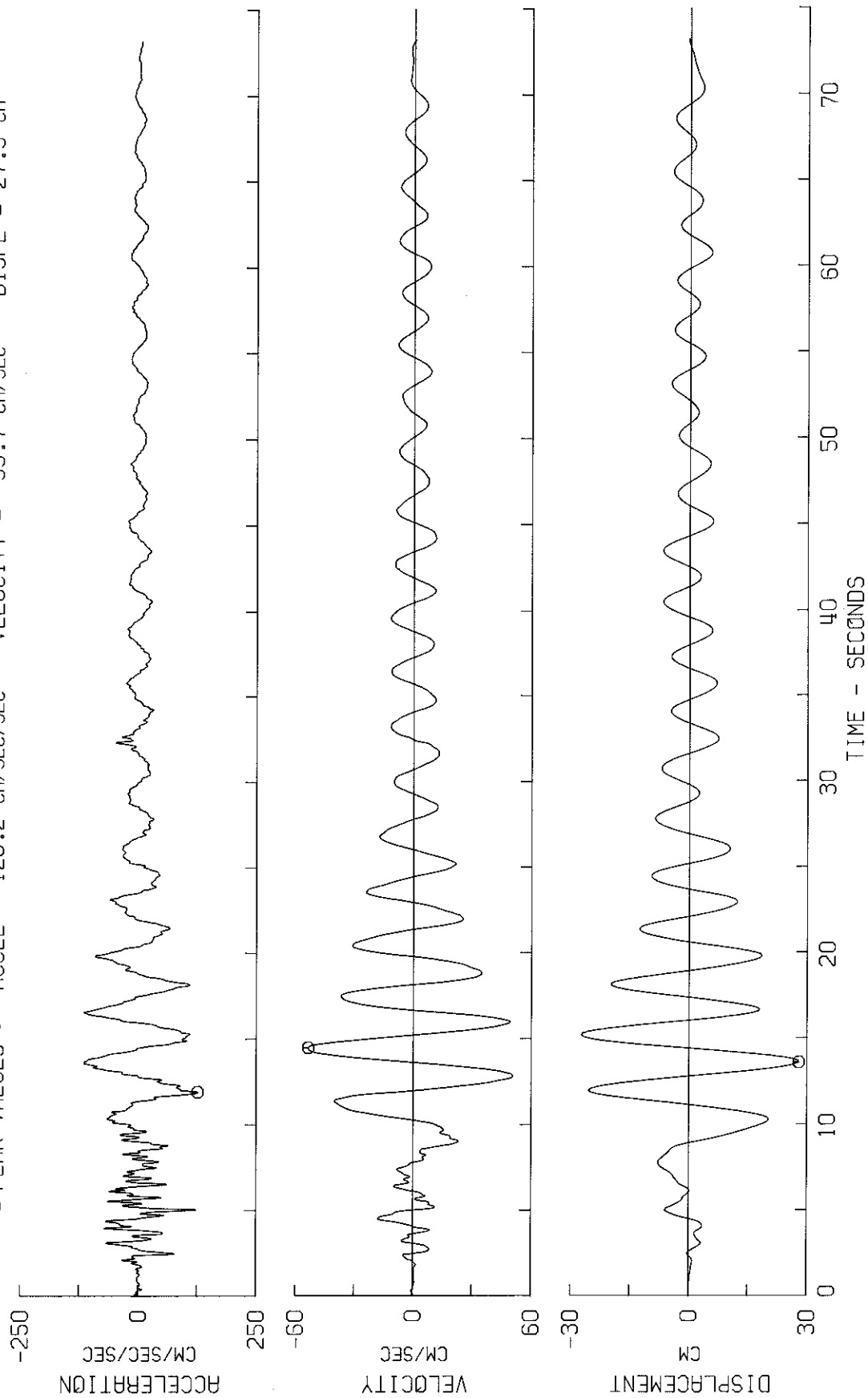
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 IIE079 71.092.0 WATER AND POWER BUILDING, 7TH FLOOR, LOS ANGELES, CAL. COMP DOWN
 ○ PEAK VALUES : ACCEL = 83.9 CM/SEC/SEC VELOCITY = 12.5 CM/SEC DISPL = -7.1 CM



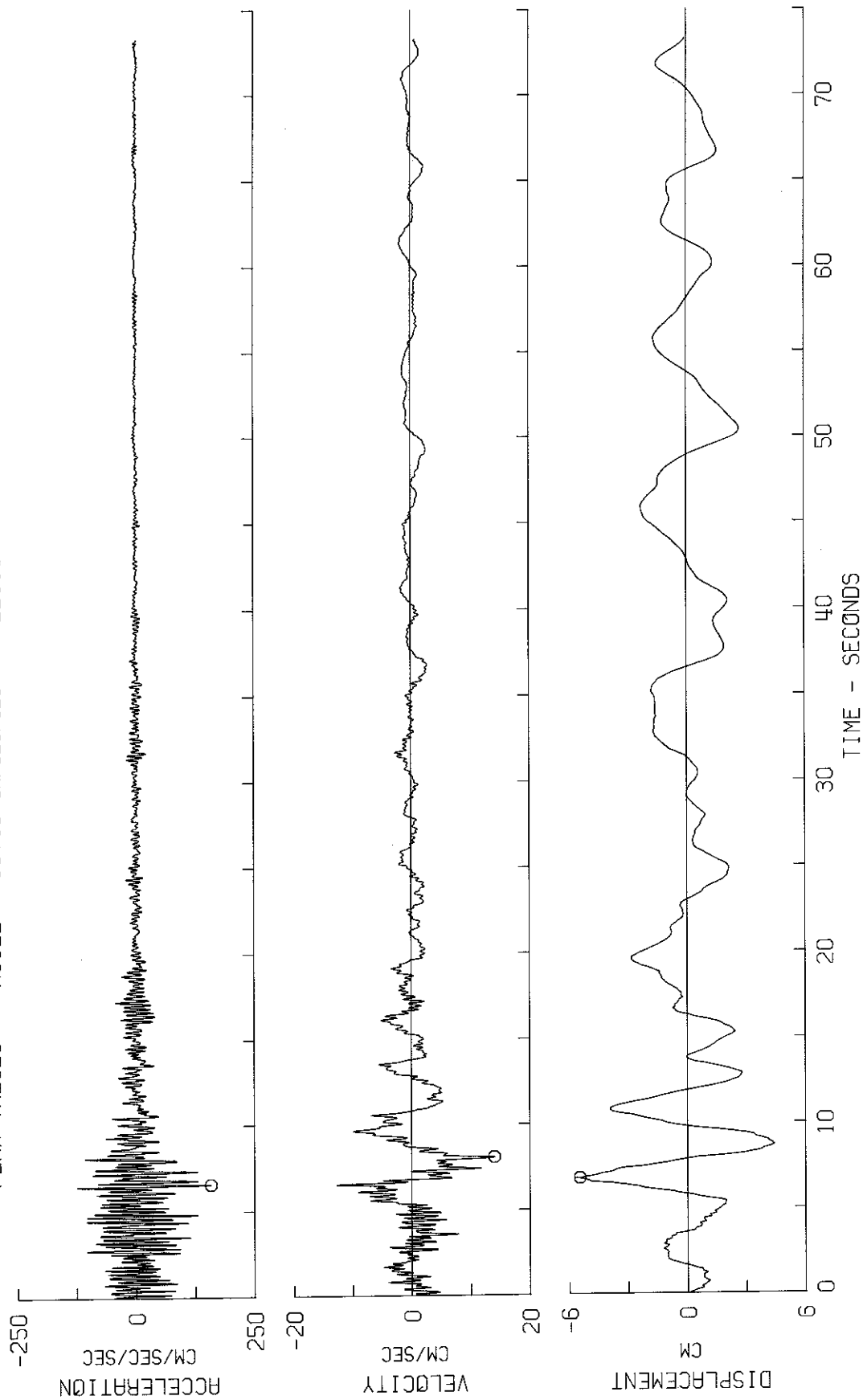
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 11E080 71.093.0 WATER AND POWER BUILDING, 15TH FLOOR, LOS ANGELES, CAL. COMP N50W
 O PEAK VALUES : ACCEL = 153.4 CM/SEC/SEC VELOCITY = -38.5 CM/SEC DISPL = 20.7 CM



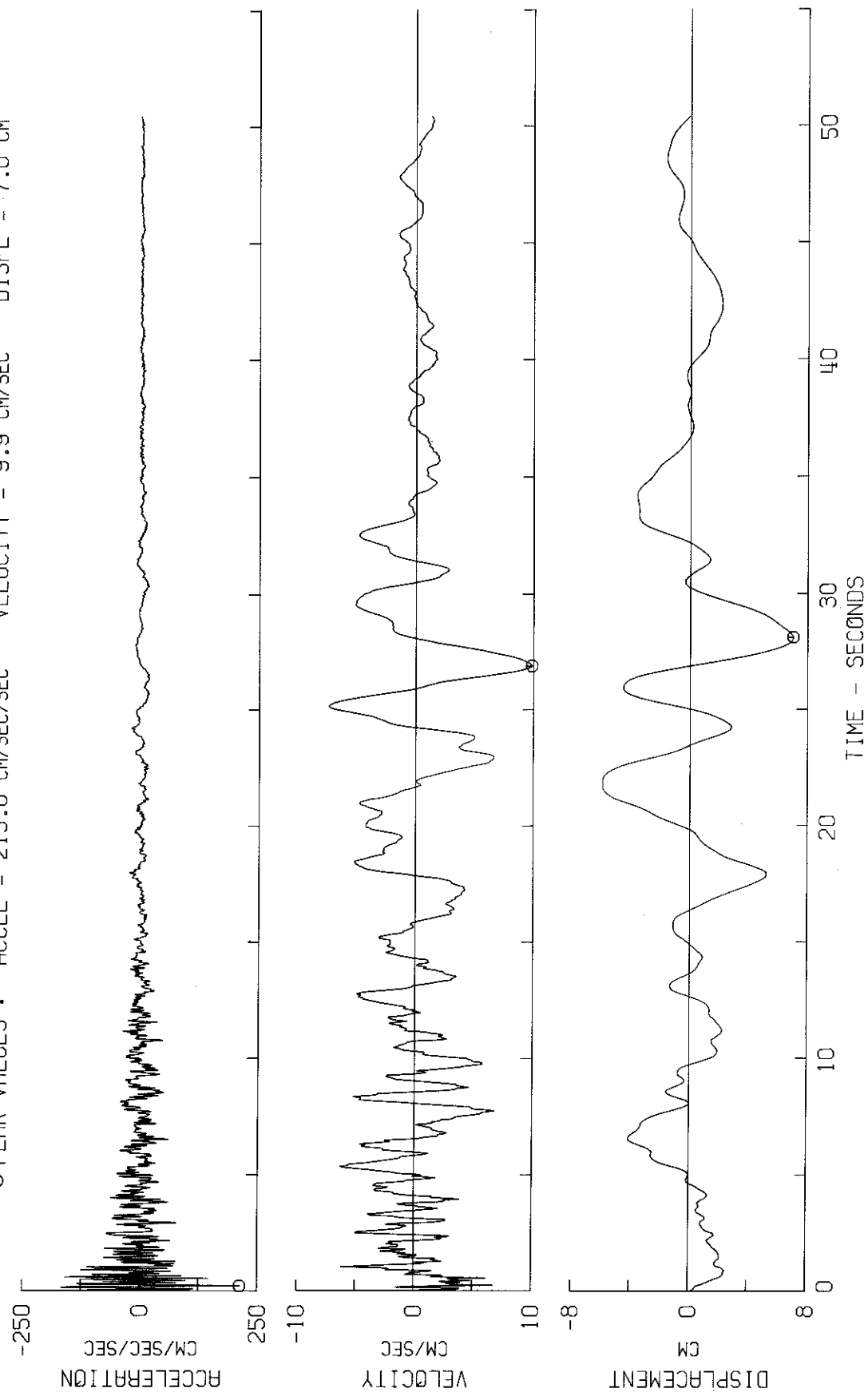
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 11E080 71.093.0 WATER AND POWER BUILDING, 15TH FLOOR, LOS ANGELES, CAL. COMP SHOW
 @ PEAK VALUES : ACCEL = 126.2 CM/SEC/SEC VELOCITY = -53.7 CM/SEC DISPL = 27.9 CM



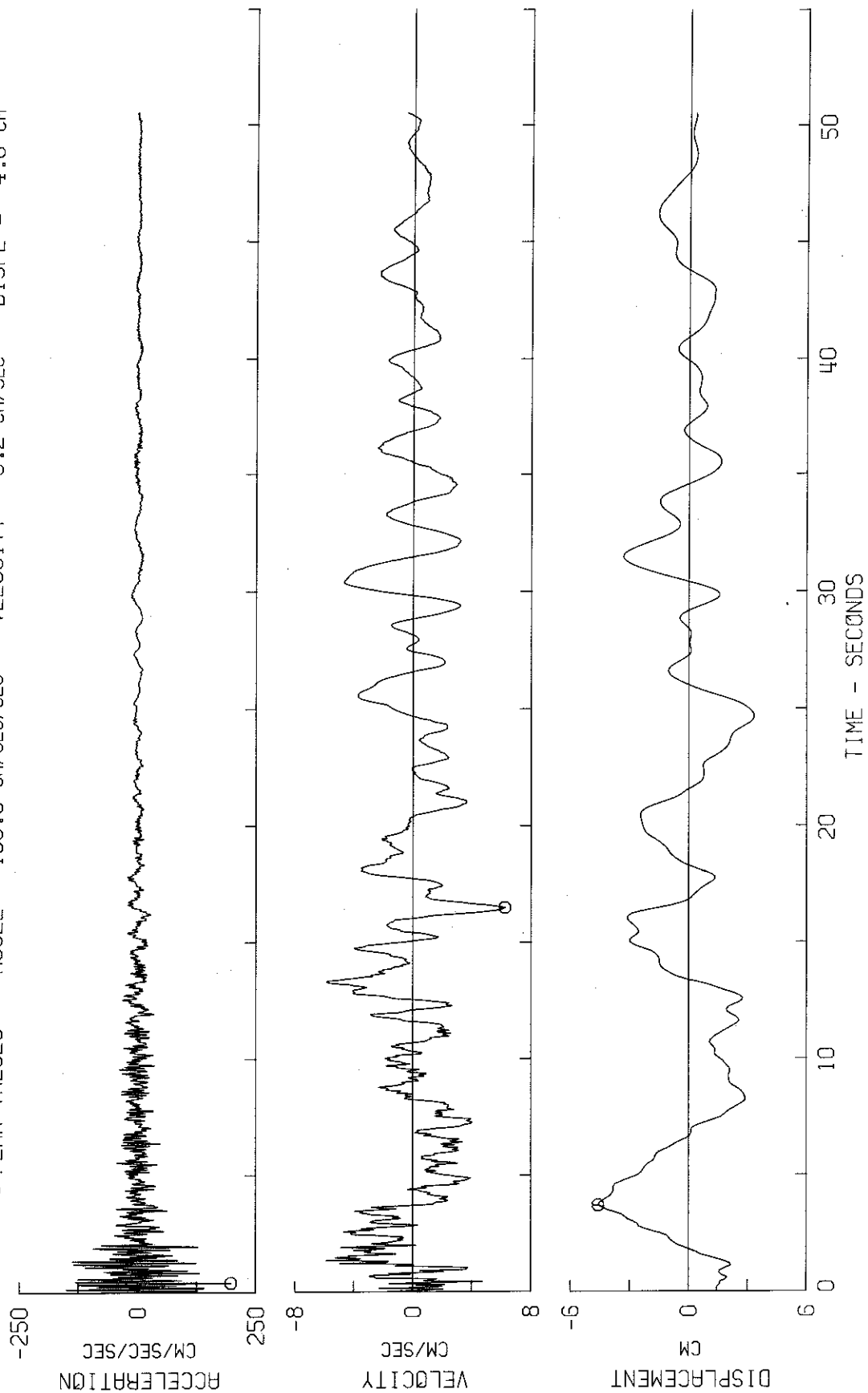
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 IIE080 71.093.0 WATER AND POWER BUILDING, 15TH FLOOR, LOS ANGELES, CAL. COMP DOWN
 ○ PEAK VALUES : ACCEL = 157.8 CM/SEC/SEC VELOCITY = 14.0 CM/SEC DISPL = -5.5 CM



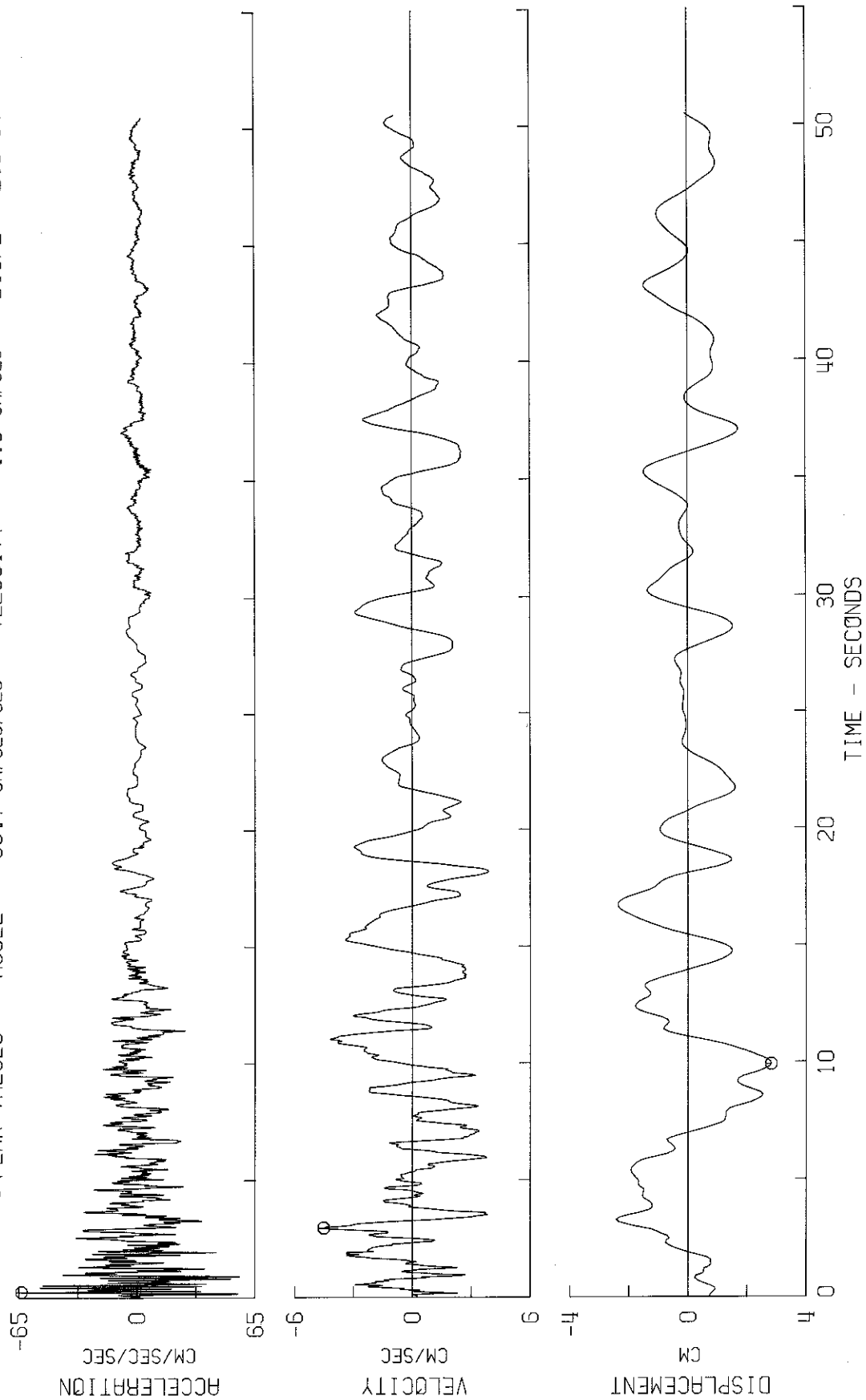
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 11E081 71.062.0 SANTA FELICIA DAM, CAL., OUTLET WORKS COMP S08E
 ○ PEAK VALUES : ACCEL = 213.0 CM/SEC/SEC VELOCITY = 9.9 CM/SEC DISPL = 7.0 CM



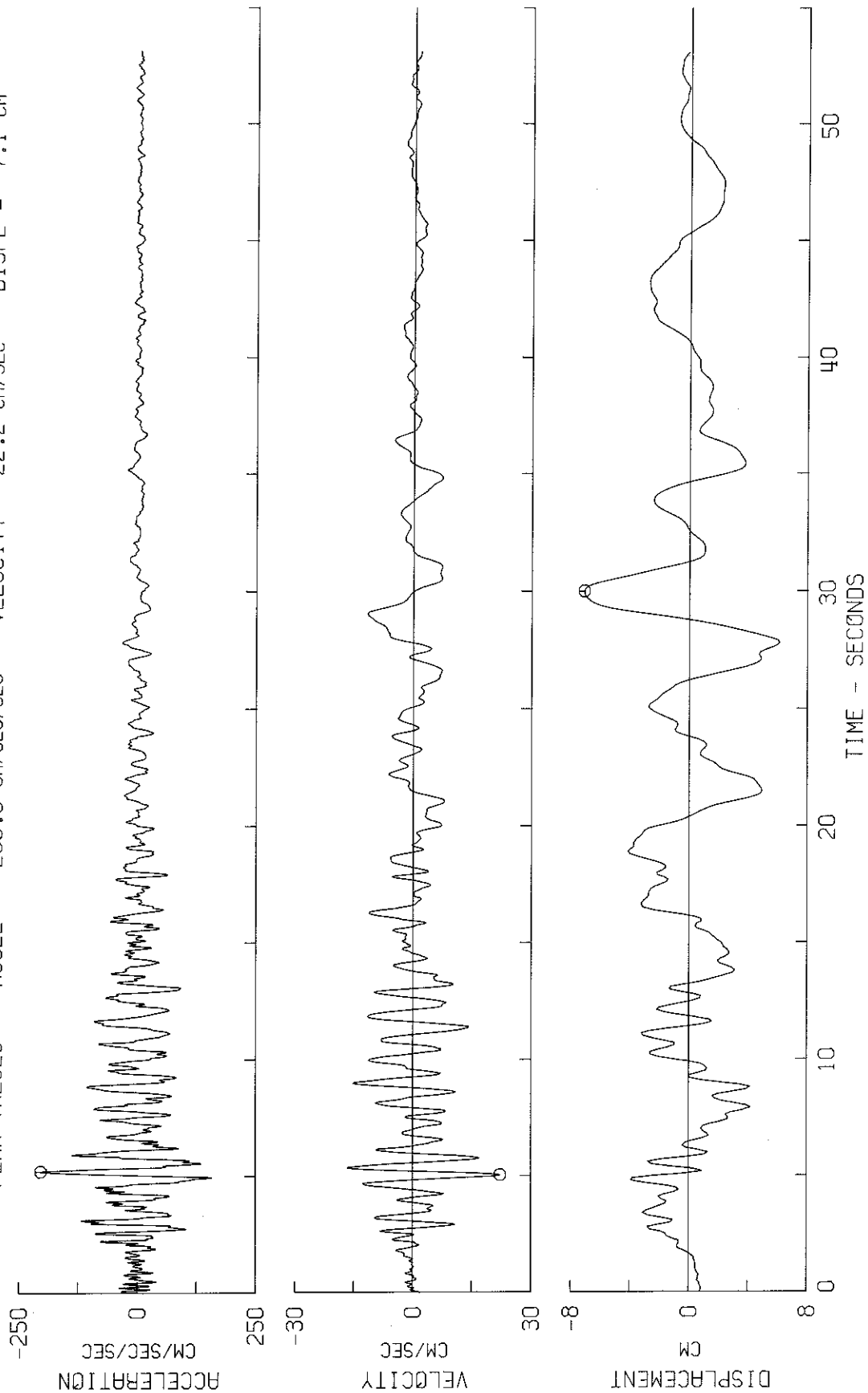
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 IIE081 71.062.0 SANTA FELICIA DAM, CAL., OUTLET WORKS COMP S82W
 ○ PEAK VALUES : ACCEL = 198.3 CM/SEC/SEC VELOCITY = 6.2 CM/SEC DISPL = -4.6 CM



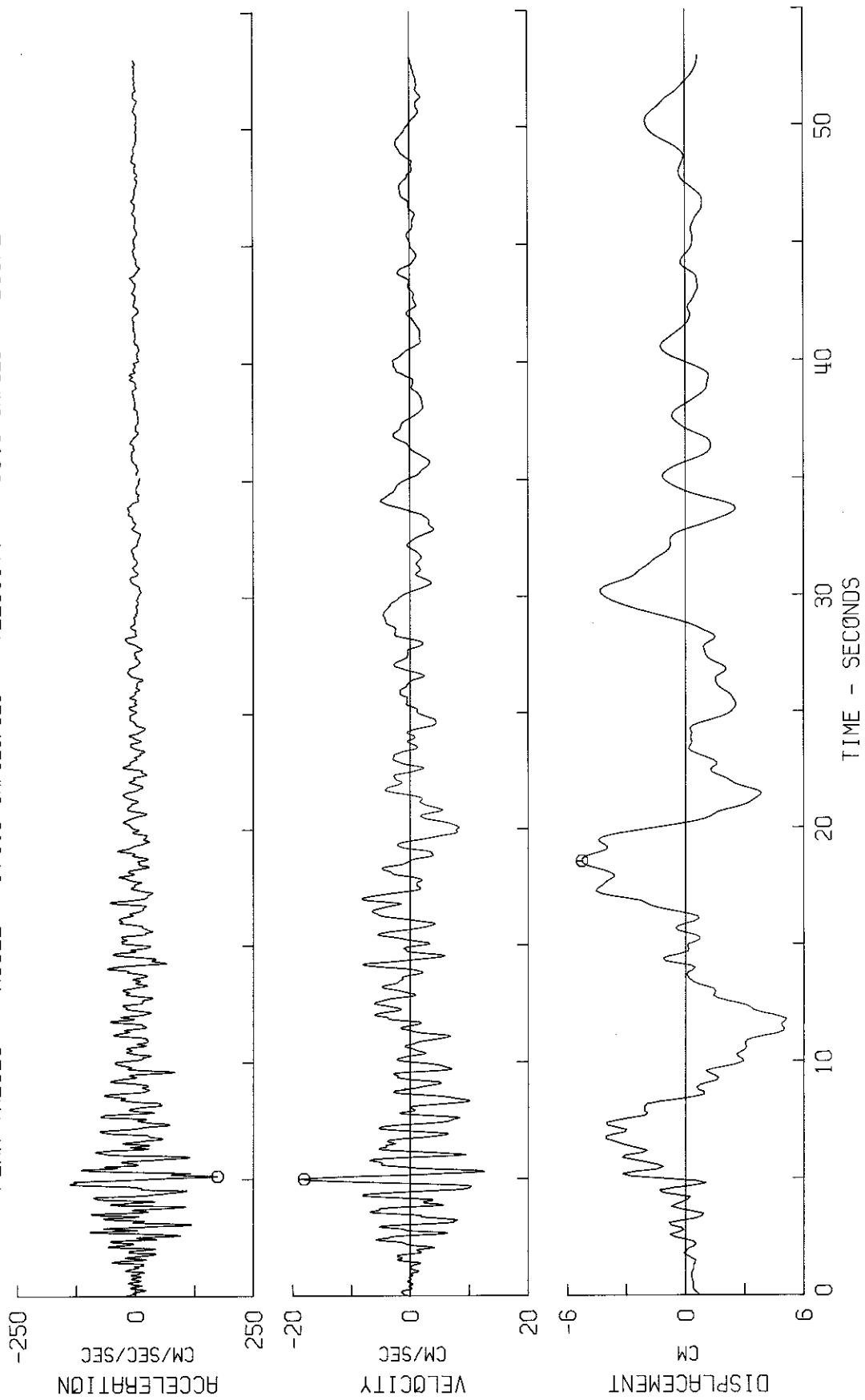
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 11E081 71.062.0 SANTA FELICIA DAM, CAL., OUTLET WORKS COMP DOWN
 PEAK VALUES : ACCEL = -63.7 CM/SEC/SEC VELOCITY = -4.5 CM/SEC DISPL = 2.8 CM



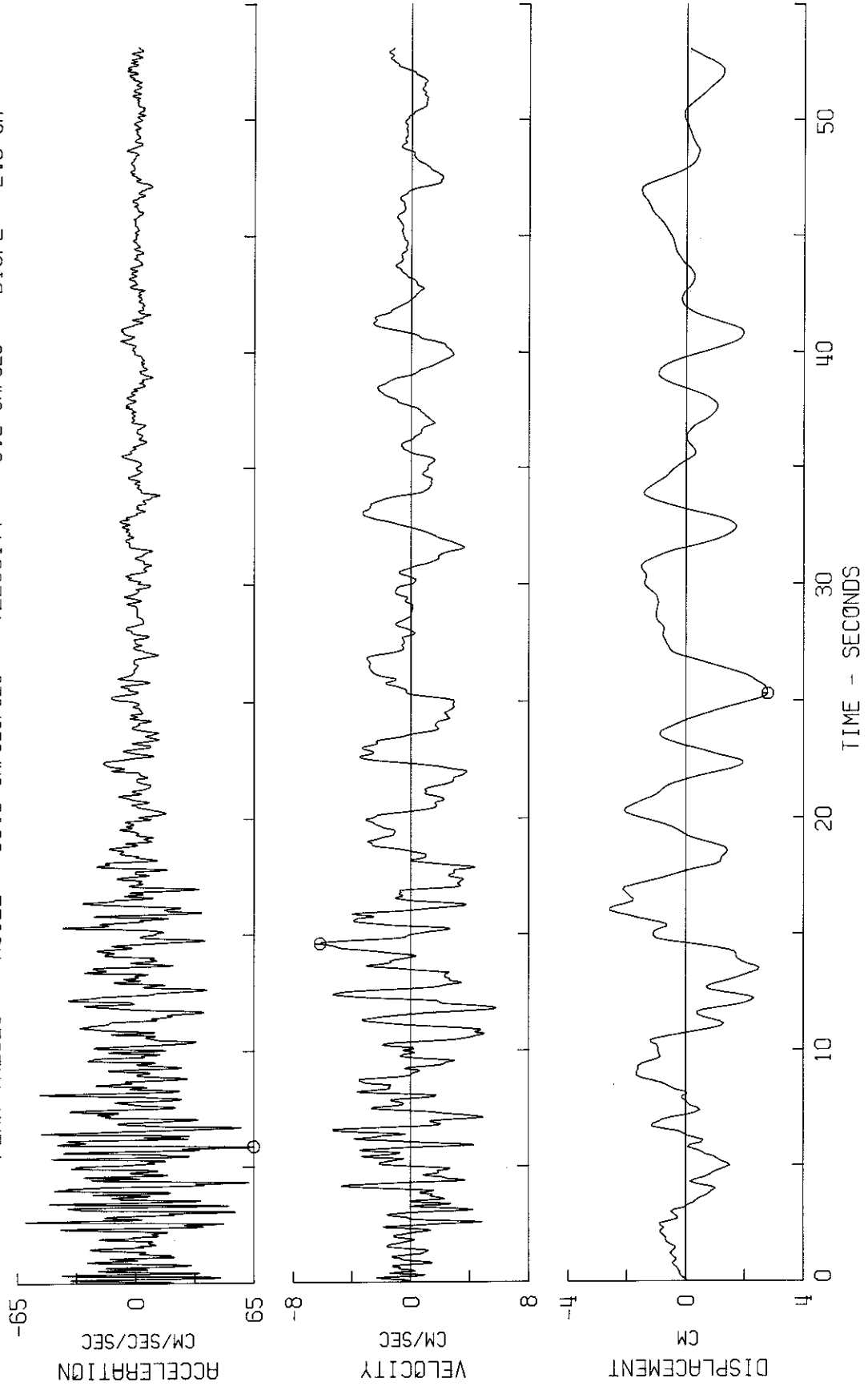
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 IIE082 71.063.0 SANTA FELICIA DAM, CAL., CREST COMP S15E
 PEAK VALUES : ACCEL = -203.3 CM/SEC/SEC VELOCITY = 22.2 CM/SEC DISPL = -7.1 CM



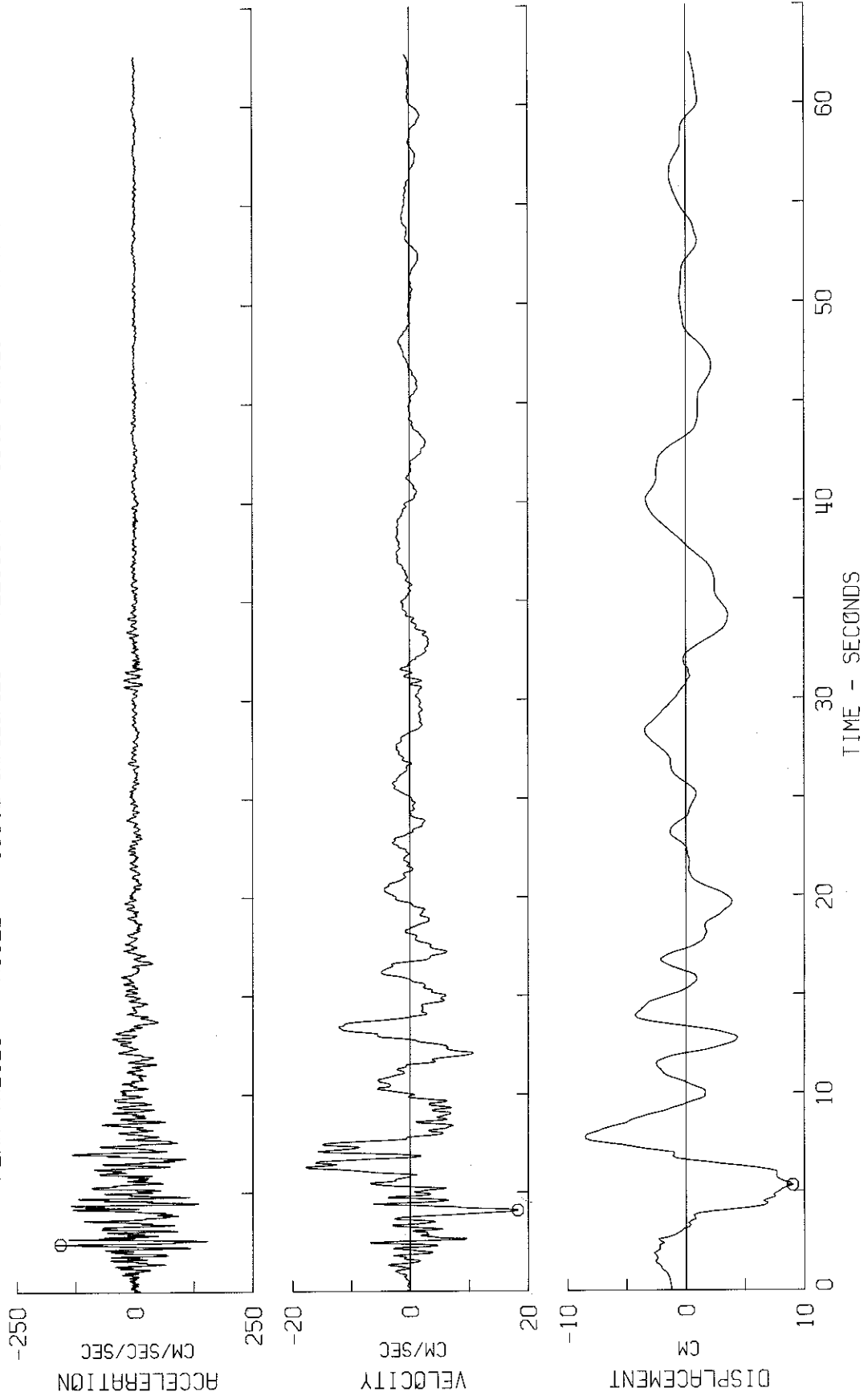
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 IIE082 71.063.0 SANTA FELICIA DAM, CAL., CREST COMP S75W
 ○ PEAK VALUES: ACCEL = 174.0 CM/SEC/SEC VELOCITY = -18.1 CM/SEC DISPL = -5.3 CM



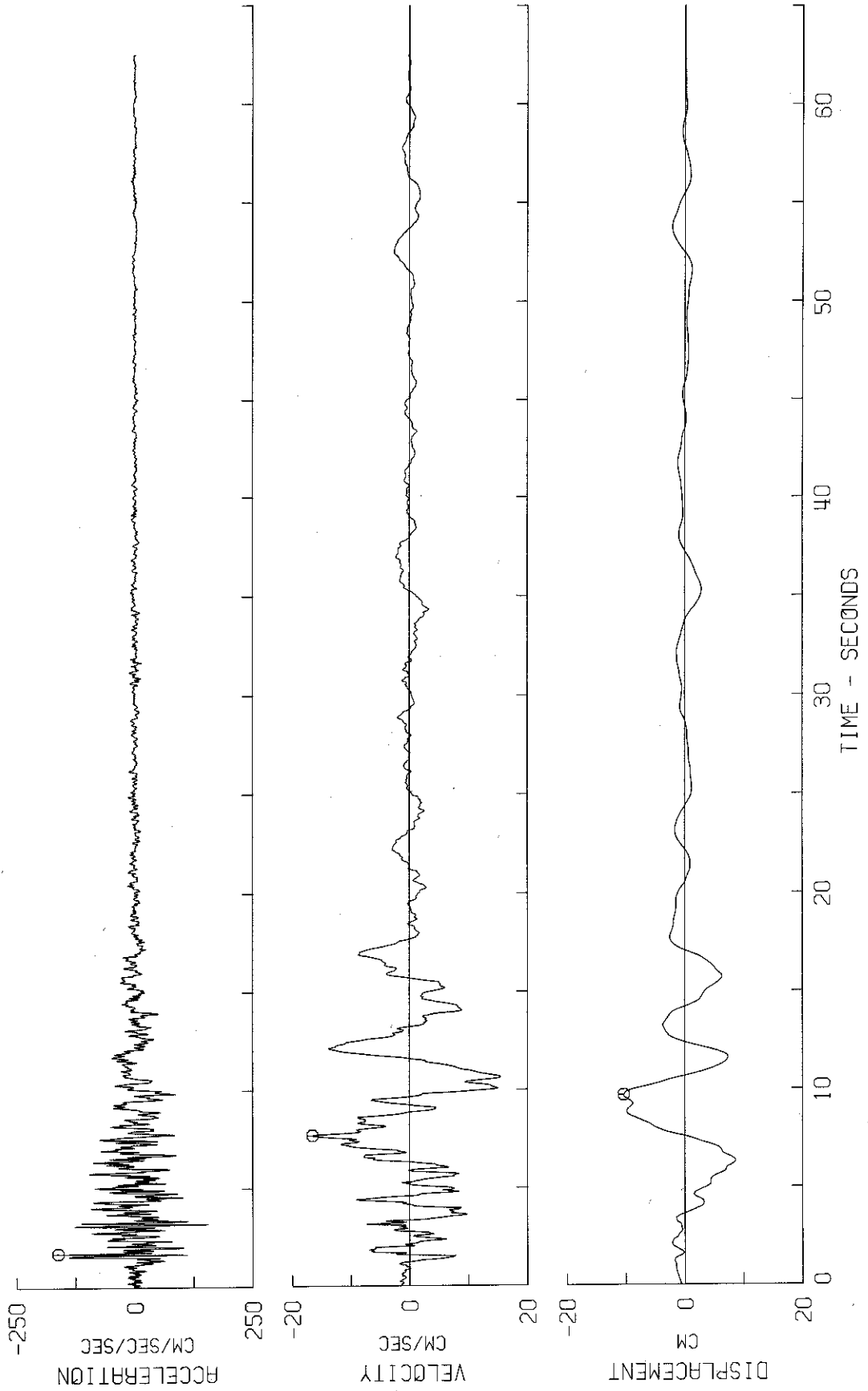
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIE082 71.063.0 SANTA FELICIA DAM, CAL., CREST COMP DOWN
PEAK VALUES : ACCEL = 65.0 CM/SEC/SEC VELOCITY = -6.2 CM/SEC DISPL = 2.8 CM



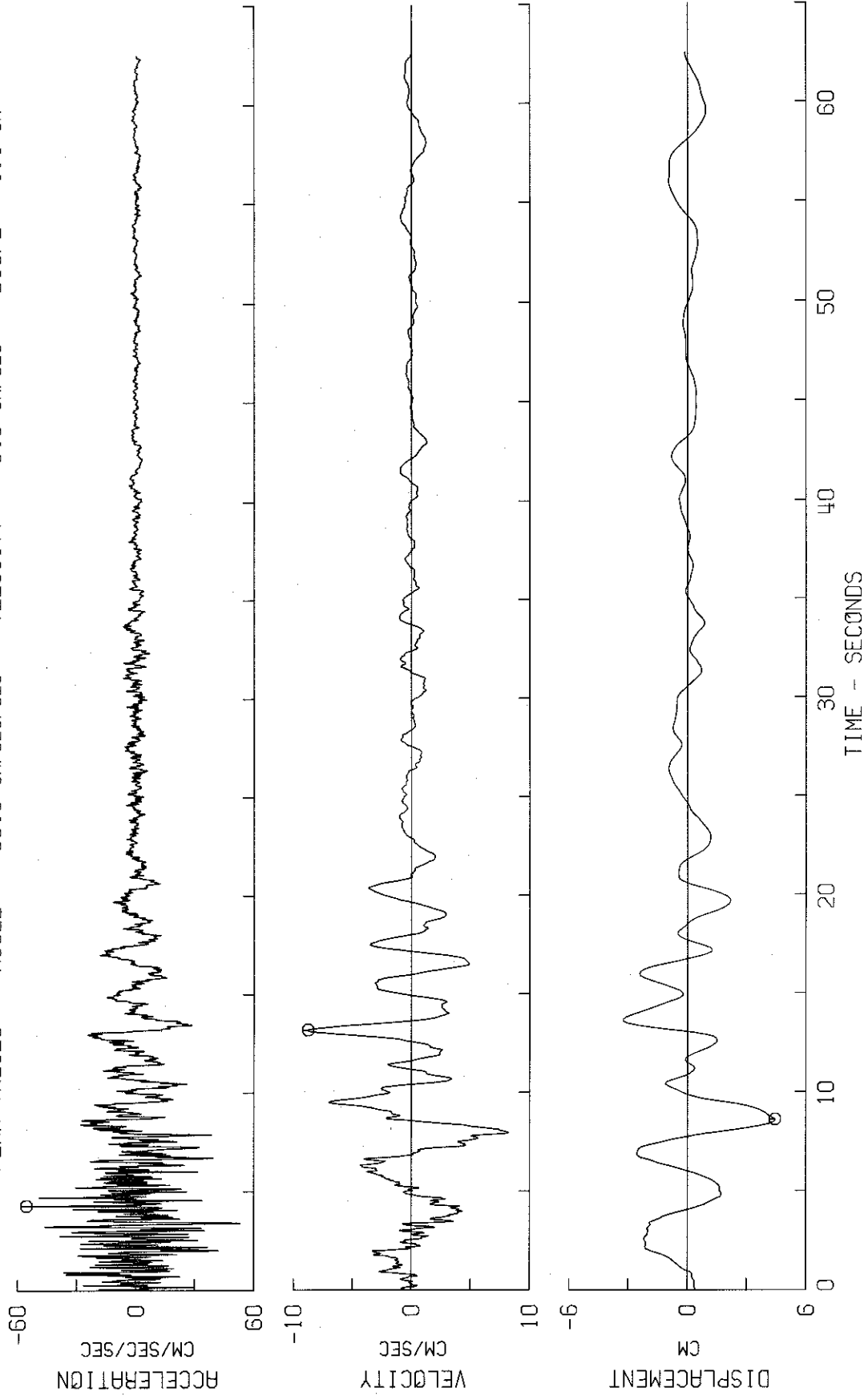
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
11E083 71.096.0 3407 6TH STREET, BASEMENT, LOS ANGELES, CAL. COMP S00W
PEAK VALUES : ACCEL = -158.2 CM/SEC/SEC VELOCITY = 18.3 CM/SEC DISPL = 9.0 CM



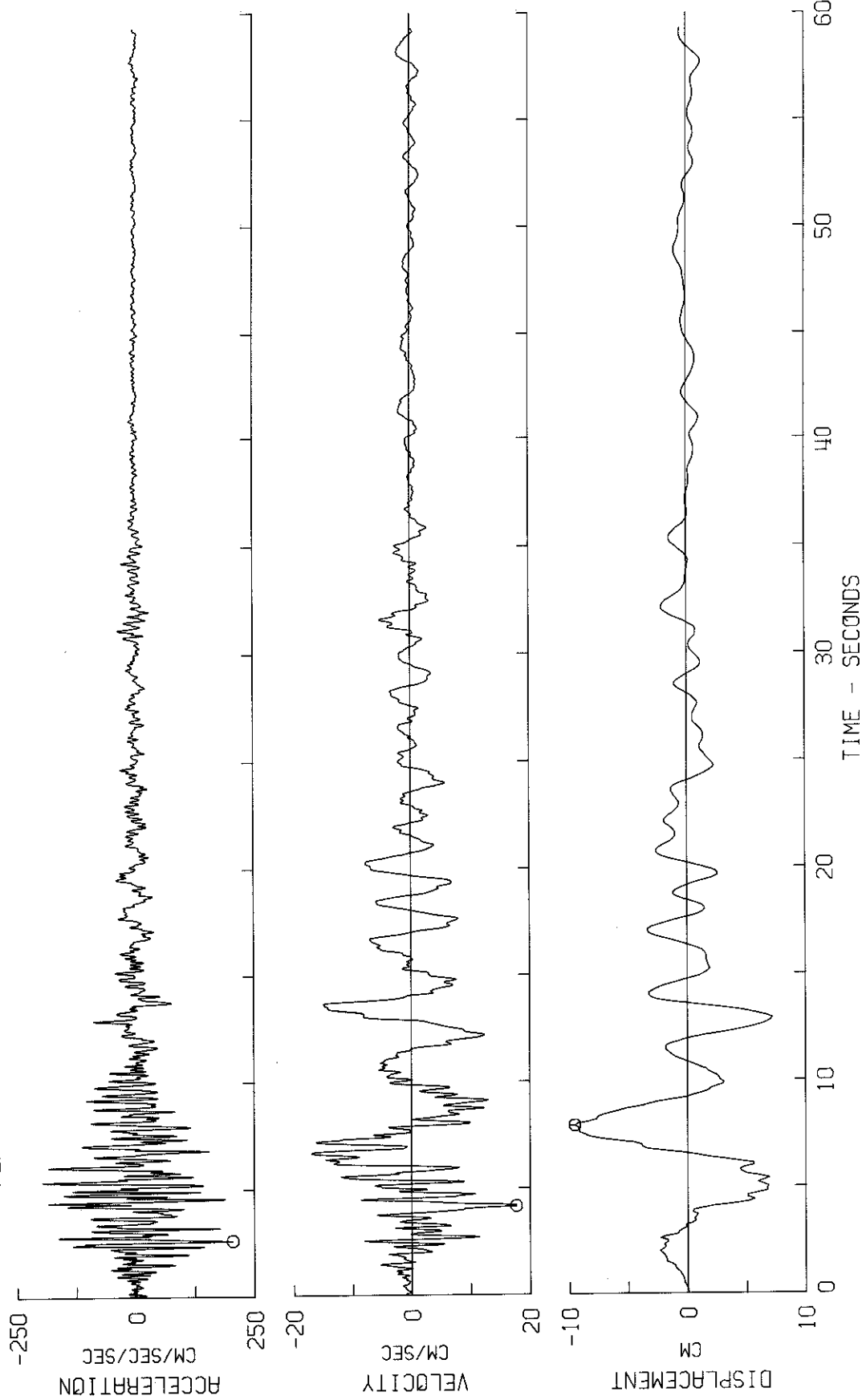
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
IIE083 71.096.0 3407 6TH STREET, BASEMENT, LOS ANGELES, CAL. COMP N90E
PEAK VALUES : ACCEL = -161.9 CM/SEC/SEC VELOCITY = -16.5 CM/SEC DISPL = -10.3 CM



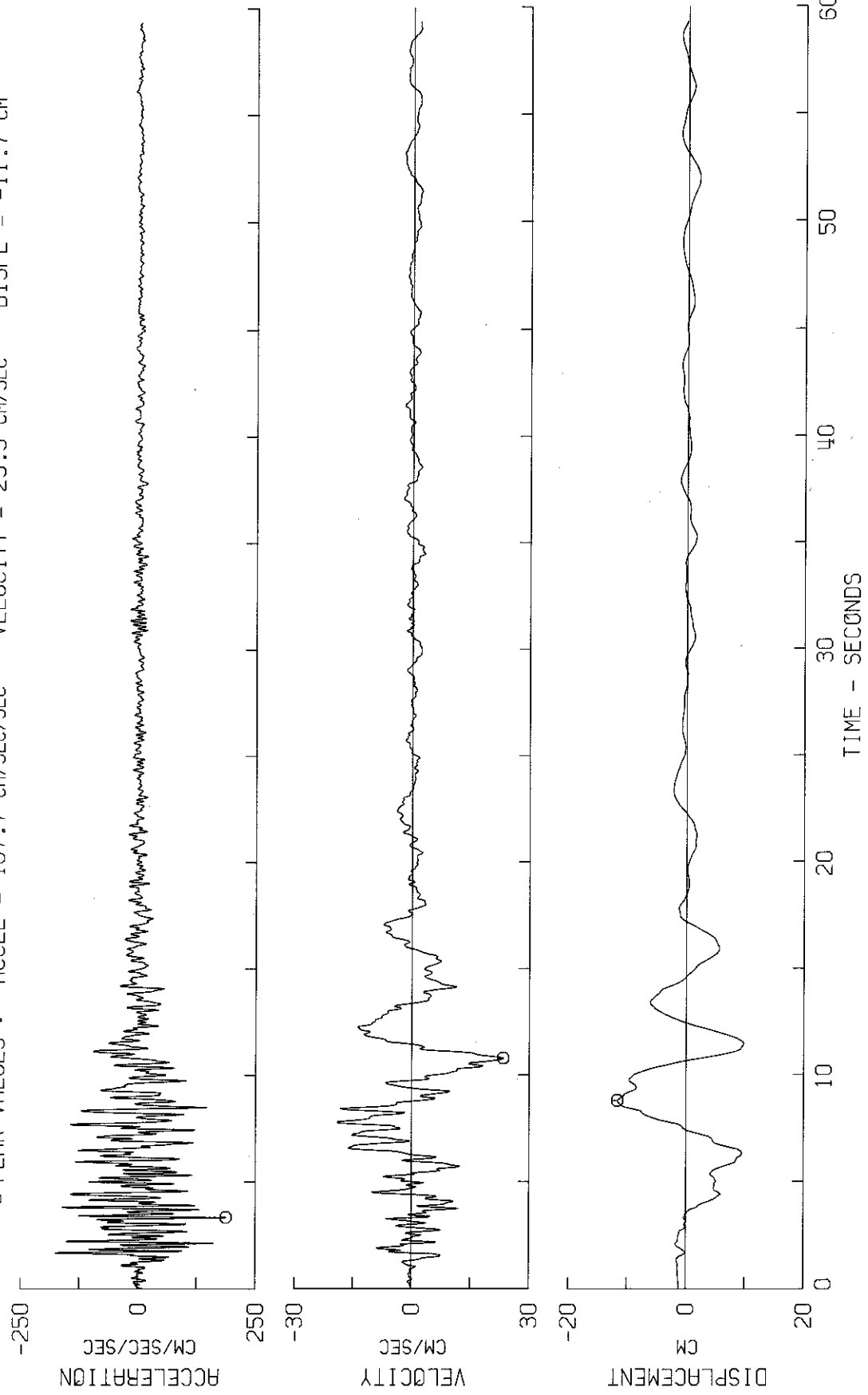
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
11E083 71.096.0 3407 6TH STREET, BASEMENT, LOS ANGELES, CAL. COMP DOWN
○ PEAK VALUES: ACCEL = -55.5 CM/SEC/SEC VELOCITY = -8.8 CM/SEC DISPL = 4.4 CM



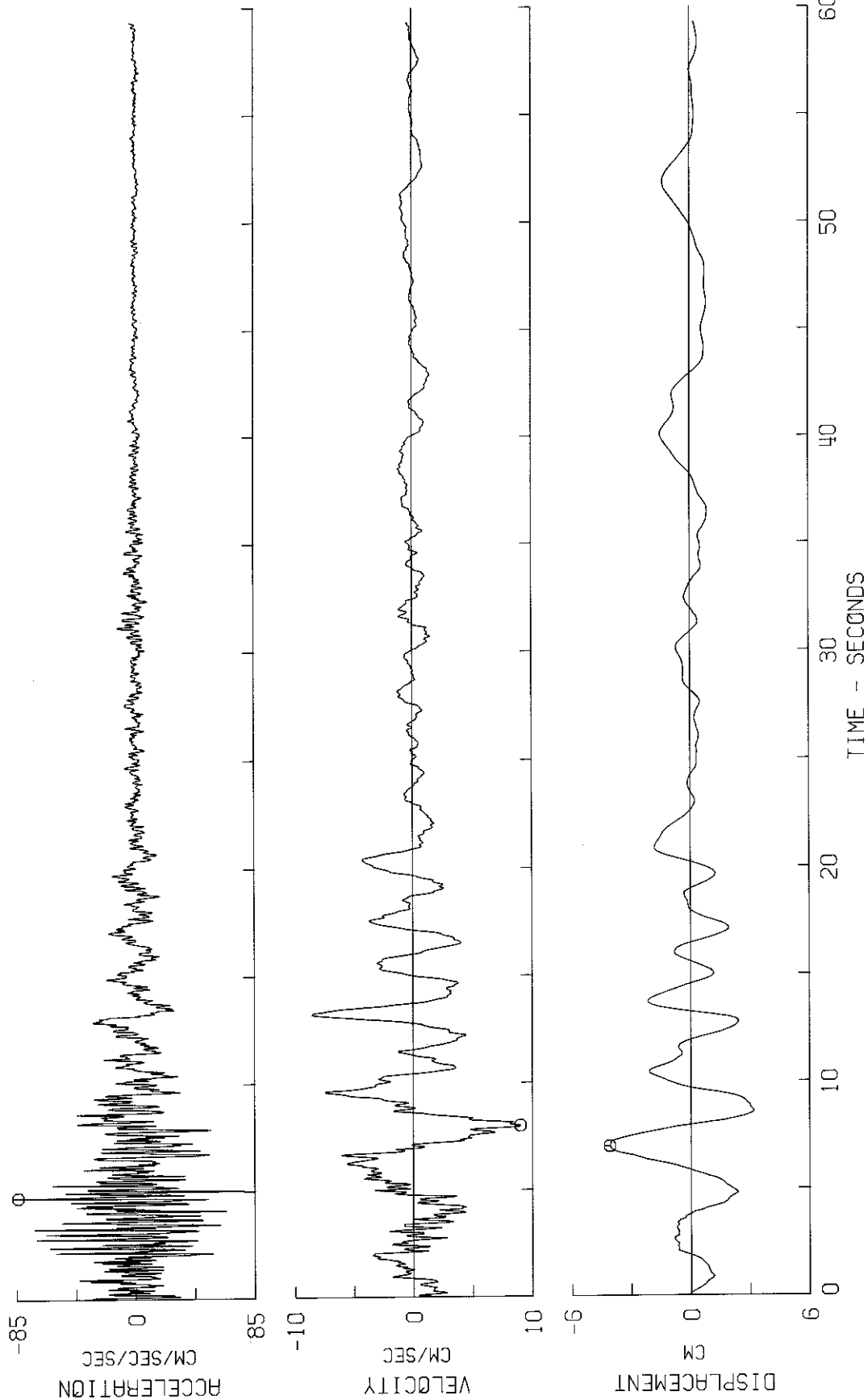
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 11E084 71.097.0 3407 SIXTH STREET, 4TH FLOOR, LOS ANGELES, CAL. COMP S00W
 ○ PEAK VALUES : ACCEL = 204.8 CM/SEC/SEC VELOCITY = 17.7 CM/SEC DISPL = -9.5 CM



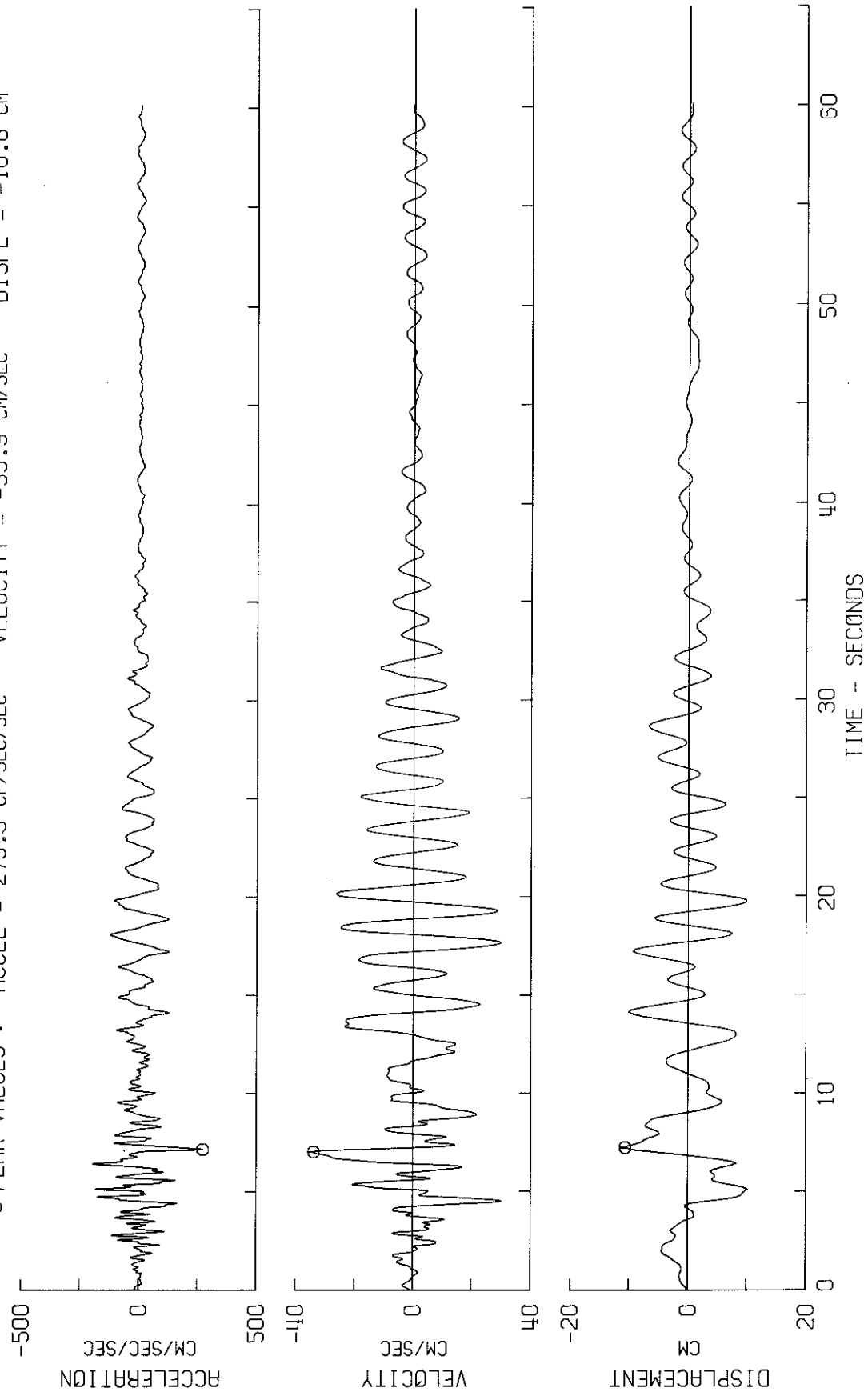
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
11E084 71.097.0 3407 SIXTH STREET, 4TH FLOOR, LOS ANGELES, CAL. COMP N90E
⊙ PEAK VALUES : ACCEL = 187.7 CM/SEC/SEC VELOCITY = 23.3 CM/SEC DISPL = -11.7 CM



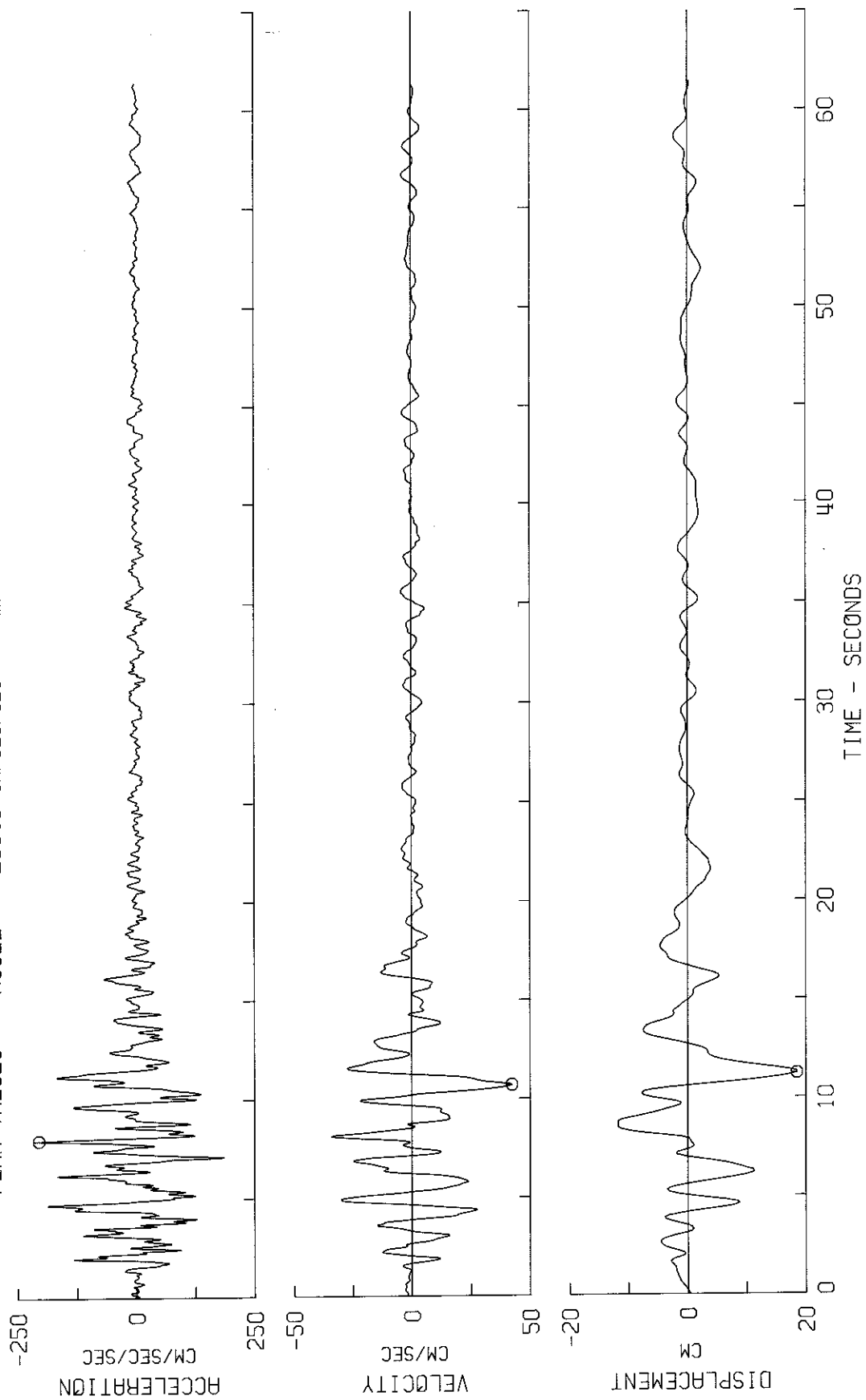
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 IIE084 71.097.0 3407 SIXTH STREET, 4TH FLOOR, LOS ANGELES, CAL. COMP DOWN
 PEAK VALUES : ACCEL = -84.1 CM/SEC/SEC VELOCITY = 9.0 CM/SEC DISPL = -4.1 CM



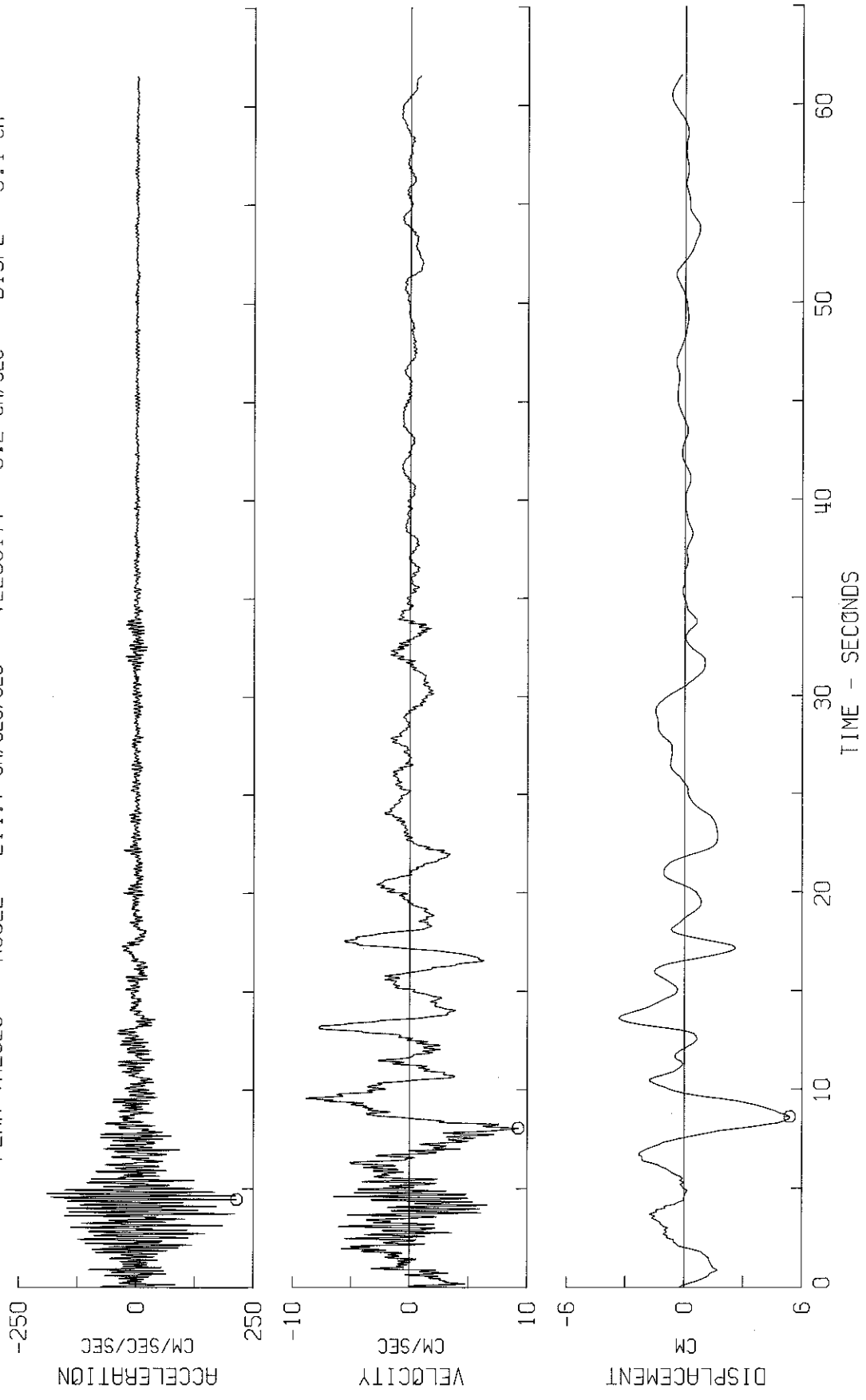
SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 IIE085 71.098.0 3407 SIXTH STREET, PENTHOUSE, LOS ANGELES, CAL. COMP S00W
 0 PEAK VALUES : ACCEL = 273.3 CM/SEC/SEC VELOCITY = -33.9 CM/SEC DISPL = -10.6 CM



SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 IIE085 71.098.0 3407 SIXTH STREET, PENTHOUSE, LOS ANGELES, CAL. COMP N90E
 ○ PEAK VALUES: ACCEL = -206.0 CM/SEC/SEC VELOCITY = 42.4 CM/SEC DISPL = 18.5 CM



SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 11E085 71.098.0 3407 SIXTH STREET, PENTHOUSE, LOS ANGELES, CAL. COMP DOWN
 @ PEAK VALUES : ACCEL = 214.7 CM/SEC/SEC VELOCITY = 9.2 CM/SEC DISPL = 5.4 CM



IIE071 71.C04.0
 STATION NO. 102
 INSTR PERIOD = 0.0520 SEC DAMPING = 0.6117
 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 WHEELER RIDGE, CAL.
 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.
 EPICENTER 34 24 00N, 118 23 42W
 COMP SOOW 35 01 05N, 118 59 05W

PEAK VALS ACCLN = -26.5 CM/SEC/SEC AT 2.90 SEC VELO = -1.9 CM/SEC AT 10.58 SEC DISP = 1.4 CM AT 19.56 SEC

INITIAL VELO = 0.35682 CM/SEC INITIAL DISP = 0.13807 CM

1489 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

-48	-51	-37	2	-40	-94	-28	30	-6	-16	-1	-15	-49	-69	-99	-139	-104	-12	17	-36
-58	-9	56	95	96	81	57	9	-59	-107	-70	53	141	114	-34	-150	-87	21	21	-36
13	112	104	54	46	67	66	3	-97	-133	-58	51	131	130	97	61	-27	-137	-129	-24
10	10	-12	-34	-85	-70	-18	14	37	44	26	0	-5	20	33	13	-14	-46	-97	-127
-87	-5	74	91	32	38	117	148	149	169	147	22	-102	-108	-21	68	123	70	-76	-108
-22	20	63	54	-121	-261	-123	57	66	7	-46	-19	61	40	-125	-170	82	234	66	-174
-156	91	113	46	80	7	-133	-68	-8	-79	-29	89	63	84	117	49	-108	-55	22	25
3	25	151	147	-68	-265	-192	61	133	110	30	-40	-30	-14	-16	-16	25	36	-53	-80
-29	-52	-89	-59	-22	-20	-21	-10	-33	-15	32	56	56	-6	-18	39	95	62	-10	-8
29	75	32	-14	-34	-61	-46	-58	-61	-27	21	74	80	31	-21	-54	-48	-23	3	50
48	11	-16	20	86	40	-49	-31	52	120	95	17	-48	-86	-99	-78	-71	-101	-97	-27
23	26	8	-1	-7	-2	58	74	70	71	56	22	8	16	25	7	-16	-29	-7	34
59	18	-44	-49	23	72	40	-9	-29	-36	-30	-43	-52	-39	11	57	83	72	34	34
8	22	49	73	32	-47	-79	-67	-40	1	32	31	0	-34	-60	-74	-75	-45	0	12
-5	-15	-21	-36	-48	-29	8	11	-20	-26	-12	1	12	26	49	53	58	60	73	66
46	29	15	23	63	91	80	46	9	-4	16	12	-25	-38	-16	-12	-12	10	-16	-64
-69	-60	-11	9	-33	-35	-25	-19	-11	-21	-24	9	22	12	9	26	48	49	2	-46
-57	-52	-29	-23	-44	-67	-79	-66	-60	-59	-36	-9	-2	0	5	-10	-8	20	11	-31
-40	4	40	24	-19	-46	-36	-4	25	39	32	2	-25	-26	-2	49	79	48	9	22
73	83	58	21	-9	-13	-19	-24	-10	-1	14	36	52	48	9	-31	-42	-31	-32	-33
-36	-22	7	-17	-44	-52	-46	-24	-7	-24	-51	-11	51	62	44	28	34	32	-5	-36
8	59	49	27	10	32	62	70	69	61	19	-37	-28	36	46	-25	-69	-40	-1	0
-19	-37	-53	-54	-30	9	33	28	5	-15	-6	9	5	5	-13	-30	-16	-3	-5	-16
-17	-19	-45	-76	-65	-9	28	19	-9	-19	-19	-3	15	12	9	15	5	9	6	-2
-13	-30	-45	-49	-19	13	1	-20	-25	-25	-30	-32	-27	-24	-31	-21	-7	-5	-31	-65
-89	-61	-9	13	11	36	57	35	-6	-26	-27	-28	-28	-16	-6	0	-23	-40	-18	16
24	11	2	-13	-37	-63	-65	-53	-27	4	10	17	30	36	23	0	6	37	68	61
26	-5	-7	16	25	29	40	62	68	30	-13	-5	36	43	1	-43	-63	-60	-49	-57
-64	-35	7	49	61	34	6	-7	-1	4	16	37	55	64	58	49	40	35	41	54
67	47	17	2	7	33	45	25	-12	-33	-15	14	10	-6	-6	2	11	6	-12	-33
-46	-42	-33	-22	-11	-1	5	7	4	-3	-13	-22	-21	-21	-27	-38	-37	-14	1	-3
-8	-13	-13	-7	8	7	2	13	34	56	68	65	55	38	19	18	25	29	28	10
-17	-23	-5	5	22	51	47	21	5	-3	-5	-5	-5	-5	5	33	45	29	4	-22
-38	-42	-29	-9	7	8	-8	-24	-27	-20	-4	-7	-6	-6	15	25	31	34	28	25
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-48	-46	-33	-24	-15	3	6	4	4	4	3	9	14	10	13	6	-18	-31	-32	-18
9	20	19	14	9	20	27	20	4	-7	11	22	11	0	-6	-1	13	32	40	38
16	-19	-28	-23	-24	-29	-36	-36	-27	-19	-16	-16	-14	-14	-22	-29	-32	-34	-34	-30
-30	-32	-26	-11	2	-4	-18	-23	-11	6	13	9	13	21	20	21	23	25	24	22
19	11	5	4	4	0	-9	-11	-1	3	4	5	4	2	1	-2	-7	-12	-16	-13

-7	-9	-27	-39	-30	-18	-22	-26	-30	-33	-21	-3	-1	-8	-16	-22	-20	-5	14	27
26	18	4	-12	-14	-5	3	8	12	16	17	12	8	10	12	17	22	20	17	21
20	14	14	17	14	18	31	22	0	-5	-6	-2	-5	-5	-2	4	10	13	13	8
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-13	-26	-26	-12	6	10	6	1	-3	-2	5	18	22	14	19	30	33	30	29	33
33	20	15	13	8	5	7	2	-14	-24	-28	-24	-16	-14	-14	-11	-2	6	11	8
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-7	9	12	2	-3	-10	-18	-18	3	-19	-29	-32	-31	-29	-27	-28	-34	-27	-16	-17
-21	-27	-28	-27	-32	-34	-25	-18	-22	-32	-33	-32	-30	-28	-21	-9	-9	-16	-17	-16
-14	-8	-7	-8	1	3	-2	-9	-16	-19	-20	-18	-16	-13	-9	-10	-10	-9	-4	10
15	18	19	13	3	-6	-10	-12	-9	0	11	21	23	18	13	15	26	37	37	31
27	21	14	8	9	10	9	7	9	15	13	2	-7	-11	-4	1	2	0	-3	-7
-8	-6	-5	-5	-6	-9	-4	14	23	19	14	6	1	5	11	15	20	23	14	-3
-7	-7	0	8	12	14	16	14	13	16	21	15	4	7	15	18	14	9	11	14
11	3	-1	0	5	10	5	-4	-9	-5	-4	-8	-11	-8	2	5	-7	-15	-18	-19
-19	-19	-17	-7	6	7	-3	-4	6	6	-7	-19	-18	-6	11	10	-4	-12	-7	12
22	14	4	9	15	16	11	4	-2	-4	1	8	15	23	24	18	12	10	8	2
-5	-9	-10	-10	-10	-7	-3	-1	0	2	1	-1	-4	-8	-14	-19	-17	-9	-2	4
4	1	4	10	14	18	11	5	10	12	7	1	-5	-1	5	7	1	-5	-10	-9
0	7	-1	-9	-10	-7	-7	-7	-10	-15	-18	-17	-16	-18	-22	-23	-19	-15	-11	-6
0	6	11	11	8	6	8	12	18	24	22	13	8	6	7	11	13	13	12	11
10	8	7	6	6	9	13	16	20	21	19	16	10	6	8	11	15	15	9	8
15	18	15	13	19	23	23	22	12	10	6	-4	-12	-19	-19	-9	-7	-14	-21	-23
-22	-17	-10	-6	-6	-8	-9	-9	-11	-22	-29	-24	-13	-7	-13	-15	-10	-5	-8	-9
-8	-2	3	3	0	-7	-17	-14	-4	1	-1	-7	-12	-14	-11	-5	-2	-3	-3	0
0	-6	-3	7	15	20	17	8	0	5	16	20	20	15	5	-5	-9	-1	9	9
8	6	6	11	17	13	4	-5	-6	-2	7	12	12	6	0	-2	-7	-13	-16	-17
-12	-6	-2	2	3	-1	-9	-13	-10	-8	-7	-6	-6	-9	-15	-22	-22	-17	-6	-2
-5	-5	-5	-5	-3	0	-4	-10	-9	-10	-12	-11	-5	-3	-10	-14	-10	-10	-14	-9
-6	-4	-5	-6	-6	-4	-2	-1	-4	-4	1	0	-1	4	11	16	18	19	19	21
24	26	27	24	18	16	17	17	11	0	-7	-1	9	15	12	3	2	2	2	2
1	-2	-4	0	8	16	14	10	10	10	10	8	5	5	3	-2	-8	-14	-17	-16
-14	-10	-6	-10	-14	-14	-17	-17	-9	-3	-3	-5	-9	-12	-14	-17	-18	-16	-15	-15
-17	-24	-28	-22	-10	0	6	6	3	3	-3	-5	-6	-6	-12	-17	-18	-16	-15	-15

IIE071 71.004.0
 STATION NO. 102
 INSTR PERIOD = 0.0520 SEC DAMPING = 0.5864
 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 WHEELER RIDGE, CAL.
 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.
 EPICENTER 34 24 00N, 118 23 42W
 COMP NOISE 35 01 05N, 118 59 05W

PEAK VALS ACCLN = 25.3 CM/SEC/SEC AT 1.56 SEC VELO = -2.5 CM/SEC AT 1.52 SEC DISP = -2.1 CM AT 3.42 SEC

INITIAL VELO = 0.35346 CM/SEC INITIAL DISP = 0.64485 CM

1487 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

61	26	-14	-59	-91	-93	-69	-51	-30	-1	-3	-57	-60	35	99	54	-19	-20	42	53
41	33	-1	-33	10	69	67	2	-50	-75	-161	-152	-46	18	52	33	39	41	1	-52
-44	-88	-15	52	-71	-86	-116	-98	-29	36	108	191	181	44	-124	-194	-143	-84	-85	-122
154	88	45	32	35	47	37	-50	118	1	-80	-139	-202	-218	-165	-75	48	175	253	229
-1	45	44	71	80	-5	-62	-53	-12	37	-102	17	57	6	-7	72	103	41	-27	-53
103	135	57	-100	-147	-48	-13	-26	38	6	42	42	80	45	-34	-60	-32	7	15	54
-20	-70	-92	-28	29	-31	-116	-90	-71	-9	71	99	50	11	-175	-67	66	64	-25	-56
95	54	-48	-9	126	125	72	80	80	81	50	7	19	22	9	-8	-19	13	2	60
-18	43	111	91	84	61	-8	-24	-1	8	19	6	4	31	40	24	5	-33	-8	24
-36	-48	-68	-76	-60	3	11	-46	-77	-75	-55	-52	-45	1	33	19	44	68	27	-19
-6	14	42	91	132	112	46	-5	-36	-58	-60	-43	-1	44	60	55	59	34	34	-10
-29	5	2	16	11	0	1	19	-14	-45	17	77	71	48	38	12	28	39	44	80
78	24	-35	-65	-75	-50	7	43	11	-49	-105	-123	-91	-43	27	83	59	-11	-32	17
28	-55	-9	4	6	-3	-13	-5	19	20	5	-16	-5	25	22	8	-4	8	34	3
-52	-55	-47	-48	-46	-56	-73	-82	-54	11	60	66	15	-40	-21	7	-1	-4	0	15
12	-17	-40	-12	-19	-44	-17	11	14	17	14	6	4	-9	-29	-62	-99	-95	-57	-18
31	67	55	10	-21	9	52	50	29	9	23	38	2	-33	-30	-24	-25	-2	-15	-50
-60	-48	-45	-35	-10	8	33	56	25	-20	-8	24	59	46	-3	15	51	26	-6	-1
36	47	9	-42	-66	-22	21	1	-36	-31	-1	2	-19	-43	-59	-48	-31	-59	-72	-14
1	-10	12	59	65	35	29	91	133	81	-17	-51	-44	-25	-4	24	62	52	-31	-95
-77	0	25	26	14	-16	-56	-94	-96	-50	-8	0	7	17	-7	-57	-84	-48	11	75
93	22	-53	-45	34	45	34	69	86	47	-14	-63	-61	-1	44	47	21	-9	-35	-43
-28	-5	21	34	16	-6	-23	-37	-49	-58	-50	-31	-18	-7	4	26	17	-28	-67	-71
-31	0	-9	-14	15	23	-6	-50	-49	4	47	56	39	23	25	40	25	0	15	48
58	43	8	-41	-67	-38	-19	-44	-30	8	-4	-40	-47	-32	0	35	53	13	-35	-14
25	12	-24	-22	24	49	48	17	12	30	29	21	14	21	28	13	-10	-23	-10	30
34	13	-16	-29	-8	9	-1	-23	-27	-1	7	-8	-29	-43	-35	-10	23	36	24	5
-16	-34	-28	-10	-1	6	11	11	3	0	-6	-13	-10	1	9	17	23	21	-15	-56
-64	-51	-39	-30	-21	-4	17	28	26	21	13	5	-7	-22	-30	-27	-17	-11	-6	1
3	-3	-6	2	8	8	1	-10	-19	-7	6	0	0	10	33	59	59	45	36	28
28	28	28	27	20	5	-22	-53	-54	-29	-13	0	6	-8	-24	-34	-31	-22	-2	28
47	28	8	5	5	6	15	16	4	0	4	8	12	14	12	11	21	31	31	29
29	32	33	23	16	12	7	1	-4	-2	-2	-10	-15	-15	-13	-6	1	-5	-29	-40
-33	-12	10	15	4	-5	-11	-18	-18	-12	-11	-10	-9	-12	-13	-15	-22	-29	-31	-20
-10	-12	-19	-28	-38	-45	-44	-34	-22	-10	-1	2	-8	-20	-24	-15	0	10	14	9
-7	-22	-30	-30	-27	-23	-20	-16	-7	4	10	14	17	17	17	-15	12	14	36	47
38	23	12	12	24	30	31	34	36	36	35	33	28	25	27	30	29	24	10	-5
-18	-26	-17	12	23	12	5	-2	-7	-12	-17	-23	-27	-25	-19	-15	-12	-19	-30	-30
-24	-19	-15	-12	-4	1	-2	-5	-9	-14	-18	-20	-19	-16	-14	-12	-10	-10	-10	-7

IIE071 71.004.0
 STATION NO. 102
 INSTR PERIOD = 0.0510 SEC DAMPING = 0.5806
 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 WHEELER RIDGE, CAL.
 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

EPICENTER 34 24 JON, 118 23 42W
 COMP DOWN 35 01 05N, 118 59 05W

PEAK VALS ACCLN = -13.0 CM/SEC/SEC AT 1.16 SEC VELO = 2.5 CM/SEC AT 8.18 SEC DISP = 3.3 CM AT 11.68 SEC

INITIAL VELO = 1.71162 CM/SEC INITIAL DISP = 0.95838 CM

1487 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

-4	-51	-69	-58	-35	-10	2	-22	-50	4	86	61	1	-19	-26	-14	14	9	-37	-58
-11	35	23	-16	-46	-48	-31	-25	-37	-35	-28	-37	-23	8	44	68	32	-32	-61	-9
56	58	30	0	-24	-45	-75	-101	-80	-28	16	29	22	21	9	-33	-90	-121	-130	-94
-29	5	-10	-40	-47	-47	-62	-61	-31	2	25	11	-1	1	29	51	42	25	16	9
-22	-83	-129	-82	0	25	-8	-32	-17	4	13	14	17	32	25	-20	-76	-82	-52	-6
28	7	-43	-69	-61	-26	-16	-55	-14	56	27	-10	-48	-63	-53	-23	8	-10	-39	36
38	28	34	24	11	-7	6	-15	-11	-4	-25	-9	23	33	41	21	-31	-30	12	30
1	-16	1	34	26	-33	-32	38	85	73	26	12	10	29	46	12	43	43	35	18
-1	-18	0	1	-21	-25	9	26	8	15	63	75	47	21	9	34	44	6	-21	-11
5	-14	-32	-34	7	60	51	57	58	2	-7	-31	-78	-36	-2	-35	-50	-19	4	5
9	22	-6	-8	46	71	70	76	61	61	39	-12	-71	-112	-76	-12	17	45	55	67
51	6	-24	-15	13	38	57	47	29	5	-2	-10	-17	-22	-16	12	-5	-36	-15	36
11	-41	-43	-27	-7	-3	-14	24	63	83	37	-35	-54	-20	-1	0	5	4	-26	-46
-33	12	49	45	-11	-25	-14	-18	-33	-41	-25	-7	13	23	26	20	-5	-13	-4	4
8	-3	-16	-12	-3	13	17	12	11	10	10	8	0	-15	-22	-15	13	44	32	12
11	14	-8	-7	8	4	-13	-39	-33	-9	-28	-41	-35	-20	-6	2	2	3	3	3
9	33	46	32	35	34	41	54	46	25	13	-7	-1	28	43	49	44	18	-5	-5
10	6	-11	-1	21	47	55	51	46	38	9	-25	-11	3	-25	-2	29	19	0	-16
-10	19	37	32	16	18	15	12	29	44	31	-2	-31	-22	0	-2	-16	-15	-4	0
16	32	17	8	19	26	21	14	24	47	48	35	29	20	9	8	16	21	6	-30
-41	-19	6	24	12	0	17	28	11	-1	-6	-12	-22	-34	-42	-38	-30	-25	-22	-21
-16	-3	8	-9	-26	2	22	33	30	20	18	25	18	0	-33	-70	-53	-17	9	12
-11	-43	-33	1	-9	-27	-6	1	-8	-9	1	14	16	2	-9	10	27	0	-18	-12
14	21	6	-21	-30	-13	6	-4	-26	-26	-24	-8	21	32	15	11	16	8	-15	-14
10	27	22	11	6	-2	-32	-66	-57	-26	-32	-59	-69	-57	-27	-3	-1	-24	-41	-40
-19	-18	-31	-35	-23	0	10	-1	-16	-20	-16	-14	-11	-6	-1	3	7	15	25	34
32	14	1	4	13	20	16	9	5	2	4	16	38	51	36	13	9	23	32	38
32	22	17	19	32	23	-3	-16	-26	-37	-48	-49	-35	-15	-14	-35	-45	-28	-18	-36
-44	-35	-17	-3	-13	-28	-30	-31	-26	-8	5	-15	-25	-15	0	8	3	-5	-11	-17
-16	-15	-22	-29	-28	-16	-12	-11	-2	4	7	11	17	11	7	5	5	8	-8	0
1	0	-12	-20	-22	-9	-17	-19	-16	-19	-15	-28	-39	-39	-30	-39	-54	-62	-48	-24
-9	-15	-27	-27	-24	-17	-11	-23	-23	-16	-23	-27	-19	-12	-7	12	20	8	-6	-3
5	0	-11	-6	8	18	26	18	8	3	-5	-14	-16	-7	0	0	-1	1	16	27
23	14	11	7	2	-1	2	9	16	18	15	1	-12	-16	-20	-21	-16	-3	14	27
31	25	9	0	-6	-10	-11	-15	-23	-18	-18	-20	-31	-32	-33	-38	-33	-32	-38	-35
-26	-16	-10	0	0	20	29	37	39	19	-5	-12	-6	-17	-15	0	16	28	35	28
20	22	37	44	37	28	34	33	32	15	21	23	14	10	5	2	9	20	25	22
10	-7	-18	-22	-25	-28	-34	-37	-32	-30	-37	-34	-18	-15	-31	-41	-39	-35	-32	-34
-30	-16	-5	6	5	-6	-18	-26	-28	-25	-17	-19	-19	-12	-6	-6	-8	-2	5	21
24	17	15	25	23	10	-1	0	8	9	11	23	35	22	1	-2	5	10	13	6

-1	0	-3	-10	-13	-12	-6	9	23	31	33	30	19	4	-7	-2	9	15	11	0
-1	-1	-8	-10	-6	-2	1	1	1	3	9	16	26	34	35	31	34	43	54	50
34	33	34	37	34	27	25	25	28	36	43	35	26	24	20	20	30	28	17	10
13	19	20	29	29	18	11	1	-9	-20	-26	-25	-22	-14	-1	1	-8	-8	-9	-15
-13	-6	-2	-2	-7	-14	-4	8	10	10	5	-2	-10	-12	-8	-4	1	4	7	9
15	4	0	4	14	18	11	8	14	9	11	8	12	8	7	8	11	12	6	12
15	11	19	22	18	23	21	12	11	10	9	8	0	-7	-11	-13	-11	-6	-10	-12
-12	-14	-14	-7	-4	-6	-3	-2	-8	-15	-13	3	7	-4	-12	-18	-16	-6	4	15
24	17	2	-5	-9	-9	-3	-2	-2	6	14	10	6	5	4	4	6	10	16	18
13	7	4	6	12	21	22	12	7	4	6	10	14	15	14	13	11	6	-2	-11
-12	-7	-7	-5	-1	2	4	1	-3	-1	4	6	2	-7	-8	0	9	15	14	9
9	13	11	7	3	2	3	5	6	6	8	12	12	8	7	10	12	15	19	18
10	7	5	2	-3	-8	-10	-10	-8	-5	-2	-1	-1	0	1	-1	-2	-3	-3	-3
-3	-2	2	4	1	-15	-5	-2	7	7	-5	-5	-6	-12	-17	-16	-10	-5	-9	-10
-7	-18	-25	-14	-11	-15	-19	-22	-20	-14	-17	-23	-25	-26	-24	-23	-28	-28	-27	-25
-24	-23	-19	-14	-14	-16	-20	-24	-23	-19	-11	7	17	2	-2	-7	-6	-2	0	0
0	1	2	6	4	-4	-11	-15	-13	-9	-3	7	17	24	26	20	16	17	21	29
34	31	25	33	42	35	27	23	25	28	27	26	26	29	30	30	25	18	19	27
30	30	30	30	30	27	23	19	18	18	13	5	6	8	2	-3	-4	3	12	8
0	-2	-2	-2	-2	0	3	-5	-13	-15	-18	-21	-23	-20	-16	-16	-16	-16	-20	-25
-19	-13	-13	-13	-13	-16	-26	-30	-27	-23	-19	-16	-17	-22	-20	-14	-14	-14	-16	-17
-15	-15	-14	-7	-1	-9	-18	-23	-24	-23	-23	-22	-17	-13	-10	-15	-21	-16	-13	-17
-19	-16	-11	-10	-14	-15	-12	-12	-11	-9	-10	-10	-5	-1	2	-1	-9	-11	-7	-2
2	1	-4	-9	-10	-5	2	9	16	13	2	-1	0	5	5	1	-1	-1	1	4
7	5	3	3	4	7	10	13	18	17	11	4	9	16	11	3	-1	10	16	18
15	11	10	9	5	3	2	3	2	1	-4	-7	-5	-2	-8	-5	-2	-2	-2	-2
-4	-9	-11	-11	-11	-12	-16	-19	-19	-19	-20	-26	-26	-28	-30	-31	-29	-25	-21	-18
-18	-20	-20	-20	-23	-20	-23	-29	-32	-30	-29	-29	-27	-24	-23	-27	-31	-35	-35	-31
-29	-33	-40	-32	-23	-26	-26	-24	-21	-14	-6	-14	-22	-24	-18	-6	5	8	7	1
-3	0	4	4	5	9	16	17	17	15	10	7	6	7	11	17	22	23	23	24
24	24	23	20	18	18	20	21	22	22	22	22	22	22	21	17	14	11	13	17
17	11	8	10	15	20	25	29	25	17	16	17	17	21	23	24	25	24	21	19
17	17	17	19	19	14	8	8	11	12	10	7	7	10	13	9	6	8	7	4
8	16	15	10	5	3	6	9	10	10	9	7	5	1	-1	1	5	7	7	6
4	0	0	4	4	-2	-6	-6	-2	10	9	7	5	1	-1	1	5	7	7	

IIE072 71.048.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
 STATION NO. 223 4680 WILSHIRE BLVD., BASEMENT, LOS ANGELES, CAL. COMP N75W 34 03 41N, 118 19 51W
 INSTR PERIOD = 0.0480 SEC DAMPING = 0.5800 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = -82.2 CM/SEC AT 2.16 SEC VELO = 20.9 CM/SEC AT 11.42 SEC DISP = 14.7 CM AT 7.92 SEC

INITIAL VELO = -3.26458 CM/SEC INITIAL DISP = -1.21678 CM

2689 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

-481	-189	59	227	311	356	298	220	171	215	306	389	452	472	473	466	435	378	326	275
185	90	132	272	273	65	-122	-44	158	351	422	273	-32	-256	-254	-185	-221	-349	-399	-283
-118	12	-30	-177	-348	-456	-483	-511	-552	-545	-503	-444	-356	-139	242	283	-125	-177	-88	-59
-185	-296	-249	-183	-252	-274	-214	-38	25	-161	-66	192	379	368	286	270	140	109	330	480
396	279	285	265	125	72	57	-96	-106	66	150	101	131	247	224	-14	-147	-136	-191	-256
-332	-405	-411	-283	-289	-326	-373	-624	-822	-720	-326	-44	18	35	41	77	-1	-112	-45	-54
-112	61	212	240	258	163	90	178	168	-84	-368	-567	-565	-370	-289	-149	25	188	256	242
130	-22	-130	6	260	434	522	478	276	189	238	250	247	139	114	388	541	627	740	726
510	211	165	226	19	-144	-170	-60	-50	-250	-475	-430	-452	-696	-814	-611	-269	-229	-251	-143
-136	-166	-112	69	188	170	164	230	197	191	205	102	-76	-399	-653	-595	-431	-341	-164	226
348	247	168	159	282	330	301	205	51	-69	-79	-140	-189	-86	114	249	187	-84	-2	-193
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11E072 71.048.0
STATION NO. 223

SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
4680 WILSHIRE BLVD., BASEMENT, LOS ANGELES, CAL.

EPICENTER 34 24 00N, 118 23 42W
COMP N15E 34 03 41N, 118 19 51W

INSTR PERIOD = 0.0490 SEC DAMPING = 0.5668

ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACIN = 115.0 CM/SEC/SEC AT 3.02 SEC VELO = 21.5 CM/SEC AT 5.32 SEC DISP = 11.8 CM AT 6.54 SEC

INITIAL VELO = 4.06591 CM/SEC INITIAL DISP = 1.98088 CM

2685 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

-291	-788	-672	-316	-111	-24	36	-34	-167	-258	-207	-36	260	458	335	-33	-242	-170	7	241
520	727	581	174	-286	-398	-253	-151	-177	-249	-283	-280	-301	-366	-374	-253	-118	-85	-180	-282
-366	-339	-205	-22	215	407	474	292	73	38	181	311	301	59	320	-515	-396	-244	-112	58
247	160	-25	-159	-143	46	179	-61	-322	-248	-245	-305	-494	-630	-538	-169	398	645	337	-14
22	260	391	359	239	285	391	330	157	16	-327	-378	-21	105	-49	-145	-173	-129	29	111
23	-95	-257	-196	-40	85	281	350	376	193	77	-38	-134	-17	154	222	298	389	222	41
145	221	140	43	-101	-342	-501	-497	-429	-107	438	827	691	22	-667	-999	-1100	-1009	-796	-621
-520	-467	-374	-268	-269	-257	50	482	724	811	1020	1150	935	702	602	453	222	-183	-628	-496
1	296	141	-94	-168	-210	-331	-525	-386	145	476	389	319	69	-124	62	250	278	226	103
65	142	75	7	34	-16	-102	-114	-133	-241	-251	-62	364	503	270	-136	-518	-526	-357	-15
462	551	199	-14	50	257	413	313	313	179	76	271	651	817	535	15	-187	233	476	280
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-553	-325	-307	-120	130	94	-90	-167	-79	-9	62	250	392	541	647	624	419	99	-185	-281
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11E072 71.048.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
 STATION NO. 223 4680 WILSHIRE BLVD., BASEMENT, LOS ANGELES, CAL. COMP DOWN 34 03 41N, 118 19 51W
 INSTR PERIOD = 0.0510 SEC DAMPING = 0.5587 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = 64.8 CM/SEC/SEC AT 1.48 SEC VELO = 6.9 CM/SEC AT 15.62 SEC DISP = 3.2 CM AT 7.70 SEC

INITIAL VELO = -1.09570 CM/SEC INITIAL DISP = 0.17618 CM

2687 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

-550	-133	112	67	122	186	180	69	-72	-270	-347	-212	-66	-56	-99	-60	-4	10	20	27
19	-31	-123	-193	-132	31	64	-89	-233	-194	-61	-61	-169	-187	-18	131	129	151	186	129
105	174	315	343	129	-97	-132	-17	106	232	324	280	89	-84	-18	268	356	281	198	175
107	-4	-88	-33	74	79	15	45	-46	-242	-212	-41	71	302	648	338	-287	-519	-411	-191
-19	-93	-367	-383	-105	-47	-95	-23	105	262	202	-52	-37	82	152	257	211	34	-64	-75
62	40	113	118	88	24	-265	-332	-129	-29	-7	65	217	101	95	218	224	230	180	244
117	-101	-112	-73	-82	135	294	85	-121	-116	-97	2	113	83	75	-28	-133	-179	-147	-111
3	164	204	93	-265	-325	-156	-147	-79	-15	-193	-295	-224	-274	-201	-65	-98	-8	293	578
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121	189	189	197	-76	-364	-325	-171	-26	-51	-109	-67	-220	-225	17	137	175	173	196	112
-114	-207	-78	53	125	-70	-277	-228	-91	-165	-89	116	140	-57	-125	-15	-59	-180	-183	-54
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231	121	-13	-49	-44	-18	48	2	-61	-101	-78	-74	-163	-245	-285	-305	-255	-135	-65	-74
-56	11	-80	-250	-207	-24	17	24	66	100	95	136	98	-37	-63	-19	-59	-40	5	51
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174	182	127	-8	-78	67	242	178	52	100	200	19	-192	-233	-165	-117	-65	-51	7	64
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-115	-99	-143	-127	-87	-105	-115	-129	-164	-132	-85	-102	-131	-159	-185	-162	-64	103	197	100
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113	77	55	29	38	51	35	13	36	50	33	35	64	85	79	72	91	122	131	93
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11E073 71.049.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
STATION NO. 224 4680 WILSHIRE BLVD., 3RD FLOOR, LOS ANGELES, CAL. COMP N15E 34 03 41N, 118 19 51W
INSTR PERIOD = 0.0490 SEC DAMPING = 0.5509 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS	ACLN = 179.1 CM/SEC/SEC AT 4.06 SEC	VELO = 23.8 CM/SEC AT 5.04 SEC	DISP = 10.4 CM AT 6.30 SEC
3021	INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC	INITIAL DISP = 2.38407 CM	AT EQUALLY-SPACED INTERVALS OF 0.02 SEC
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11E073 71.049.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
 STATION NO. 224 4680 WILSHIRE BLVD., 3RD FLOOR, LOS ANGELES, CAL. COMP N75W 34 03 41N, 118 19 51W
 INSTR PERIOD = 0.0480 SEC DAMPING = 0.5487 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS	ACLN = 167.4	CM/SEC/SEC AT 4.12 SEC	VELO = 20.8	CM/SEC AT 11.30 SEC	DISP = 13.0	CM AT 7.92 SEC													
INITIAL VELO = -1.35235 CM/SEC INITIAL DISP = -0.25898 CM																			
3024 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC																			
-640	-392	-195	-151	-53	180	411	573	390	111	107	420	891	1085	739	235	73	327	876	719
-189	-418	111	678	191	-674	-780	-596	-711	-596	-244	-408	-886	-1013	-871	-813	-519	16	369	352
183	140	45	82	358	596	648	336	176	348	532	165	-502	-565	-256	-214	-332	-302	-450	-829
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208	485	275	-425	-328	86	-363	-857	-670	-515	-538	-409	-386	-686	-736	-415	-252	-404	-328	-536
-605	-252	250	627	393	119	-42	-173	-273	152	282	3	170	480	408	235	123	-38	-1	161
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11E073 71.049.0
STATION NO. 224
INSTR PERIOD = 0.0490 SEC

SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
4680 WILSHIRE BLVD., 3RD FLOOR, LOS ANGELES, CAL.
ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

EPICENTER 34 24 30N, 118 23 42W
COMP DOWN 34 03 41N, 118 19 51W
DAMPING = 0.5877

PEAK VALS ACCLN = -86.4 CM/SEC/SEC AT 0.0 SEC VELO = 7.2 CM/SEC AT 15.42 SEC DISP = 2.9 CM AT 16.00 SEC

INITIAL VELO = -1.55602 CM/SEC INITIAL DISP = -0.18985 CM

3022 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

-864	-808	136	850	742	56	-539	-680	-308	212	316	127	-161	-365	-220	223	320	-35	-421	-465
-172	150	248	114	32	175	405	108	281	272	-35	-208	-89	344	490	87	-436	-563	-85	574
631	259	-128	-526	-554	-10	392	402	60	-11	219	398	460	32	318	-69	45	215	300	1
-572	-327	131	509	782	306	-459	-734	-732	-300	304	183	-366	-627	-556	129	649	425	91	-362
-464	111	654	413	370	52	-291	-238	155	303	231	156	-171	-93	-34	-237	-245	-60	-104	67
341	196	-81	6	268	383	414	277	68	-114	-164	-77	-47	-18	257	217	-16	-220	-258	-238
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-186	-210	-630	-468	50	219	110	152	209	436	460	230	150	253	275	146	194	63	-174	-427
-729	-588	-75	420	139	-220	-277	-448	-322	-33	464	508	207	-175	-428	-243	-144	-144	53	-4
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11E074 71.047.0
STATION NO. 225
INSTR PERIOD = 0.3460 SEC DAMPING = 0.5625

SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
4680 WILSHIRE BLVD., 6TH FLOOR, LOS ANGELES, CAL.

EPICENTER 34 24 00N, 118 23 42W
COMP N15E 34 03 41N, 118 19 51W
ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = -237.9 CM/SEC/SEC AT 3.00 SEC VELO = 21.9 CM/SEC AT 5.00 SEC DISP = 9.5 CM AT 6.20 SEC

INITIAL VELC = 4.54276 CM/SEC INITIAL DISP = 0.86167 CM

2918 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

233	245	-64	-686	-1143	-1053	-711	-511	-441	-355	-46	484	952	946	704	749	1111	1136	859	242
-491	-853	-952	-1228	-1316	-1209	-1191	-779	-240	-42	-17	315	858	1225	1348	1155	842	422	-170	-893
-1204	-1107	-697	-163	489	577	356	350	378	165	-85	-337	-529	-492	-159	102	8	-218	-248	27
99	-189	-544	-674	-721	-920	-757	-494	43	710	990	788	571	845	1217	1119	882	721	373	15
-180	-679	-1174	-1288	-973	-857	-1007	-700	-381	-131	445	912	831	402	385	319	387	539	480	264
131	6	-236	-594	-758	-488	-192	8	249	407	297	389	775	845	476	129	-221	-870	-1235	-1045
-637	-61	750	1139	894	113	-884	-1261	-1592	-1574	-1524	-1575	-1196	-416	-72	184	434	803	1210	1682
1964	2059	2050	1835	1522	1132	663	4	-817	-1846	-2379	-2048	-1442	-956	-694	-316	98	399	472	707
824	982	1185	1149	852	563	82	-369	-138	-492	-763	-930	-976	-757	-404	-228	-53	149	238	314
518	455	342	592	983	1109	944	507	-207	-902	-1337	-1071	-640	-569	-711	-811	-452	112	567	903
1173	1121	911	1311	1658	1143	349	-115	-442	-432	-108	43	-253	-698	-947	-1143	-1061	-916	-689	-261
197	395	579	831	1038	1095	1010	849	537	244	-55	-335	-703	-1095	-1182	-1058	-680	-306	116	331
624	853	853	963	1235	1375	1279	1086	930	536	-40	-366	-734	-1012	-1127	-1197	-1095	-774	-444	-215
77	354	489	442	274	118	-122	-478	-852	-1123	-1200	-1112	-874	-578	-319	-149	165	422	209	-6
180	61	-89	118	378	532	794	985	939	705	491	107	-276	-588	-772	-687	-530	-361	-116	201
397	450	614	588	216	-202	-673	-872	-920	-748	-530	-342	-214	-169	-232	-328	-436	-542	-631	-688
-704	-768	-710	-474	-166	50	169	158	185	215	137	-24	-374	-739	-954	-967	-791	-498	-151	42
221	438	653	771	797	793	715	623	564	486	360	190	46	-15	44	32	-59	-72	-58	-4
77	101	45	-4	-57	-114	-62	22	24	65	171	291	286	168	41	-39	-30	49	29	-26
-163	-308	-331	-142	94	200	188	168	142	107	123	203	191	178	254	261	221	248	150	-77
-226	-280	-337	-406	-344	-226	-105	8	163	348	485	571	591	549	475	350	177	55	-73	-163
-192	-192	-172	-209	-308	-321	-191	-4	72	129	160	199	248	301	345	319	236	155	72	-1
-100	-224	-285	-260	-213	-137	-12	163	395	572	720	870	944	931	839	743	599	383	147	-105
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-166	-307	-390	-433	-388	-287	-172	-18	127	237	327	406	494	547	501	365	262	87	-120	-294
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-555	-627	-687	-666	-610	-539	-418	-247	-82	4	39	17	-64	-133	-177	-187	-195	-226	-251	-274
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																	-2
																	12
																	-11
																	7
																	-1

11E374 71.047.0
STATION NO. 225

SAN FERNANDO EARTHQUAKE
4680 WILSHIRE BLVD., 6TH FLOOR, LOS ANGELES, CAL.

FEB 9, 1971 - 0600 PST
ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

EPICENTER 34 24 00N, 118 23 42W
COMP N75W 34 03 41N, 118 19 51W

INSTR PERIOD = 0.0480 SEC DAMPING = 0.5712

PEAK VALS ACCLN = -278.9 CM/SEC/SEC AT 5.56 SEC VELO = 34.1 CM/SEC AT 7.20 SEC DISP = 16.0 CM AT 7.94 SEC

INITIAL VELO = -0.41125 CM/SEC INITIAL DISP = 0.69830 CM

2919 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

-637	-800	-635	-396	-169	-59	-32	20	182	529	880	857	663	675	1062	1292	1239	1012	664	362
457	699	497	-60	-419	-309	-390	-797	-1222	-1187	-1107	-1441	-1423	-1007	-972	-1166	-1025	-655	-540	-116
837	1115	1013	904	841	612	544	893	773	321	98	161	137	-79	-555	-841	-877	-922	-953	-900
-793	-742	-598	-394	-311	-286	-78	-23	439	753	720	909	1153	1413	1421	1332	1172	882	473	175
46	46	22	-118	-267	-694	-1056	-873	-801	-983	-983	-854	-859	-836	-719	-563	-452	-331	-220	-149
-153	-133	-102	-85	22	266	309	174	130	155	39	118	407	295	132	256	260	210	312	380
304	274	98	-479	-910	-991	-676	-370	-561	-723	-722	-646	-349	-30	185	154	174	423	824	841
702	941	1068	952	972	1035	866	581	754	1116	1333	1030	742	523	186	-338	-424	-460	-761	-1059
-1175	-1059	-1468	-2078	-1851	-1436	-1321	-1283	-1055	-618	-146	10	70	599	1139	1086	965	955	1076	1183
1218	1096	928	726	459	201	-19	-566	-996	-1075	-899	-1073	-1500	-1507	-1179	-1007	-796	-367	157	383
428	449	835	1244	1018	747	913	1168	1518	1563	924	185	-78	-84	-414	-736	-789	-1011	-1751	-2143
-1810	-1377	-1061	-901	-697	-369	91	513	938	1289	1735	2272	2380	2010	1772	1747	1422	743	147	-131
-439	-869	-1412	-1798	-1987	-2174	-2392	-2429	-2061	-1457	-935	-661	-301	131	568	839	1179	1800	2225	2358
2434	2319	2207	2184	2077	1712	1281	959	712	366	-231	-647	-930	-1363	-2216	-2651	-2550	-2781	-2789	-2452
-1964	-1406	-740	-280	33	604	1230	1572	1657	1895	2134	2399	2692	2751	2527	2011	1253	717	325	-210
-697	-1025	-1308	-1607	-1896	-2221	-2267	-1931	-1573	-1083	-760	-411	-168	-163	11	340	720	1054	1395	1815
2282	2449	2227	1965	1681	1411	1108	722	301	-100	-511	-911	-1364	-1797	-1947	-1747	-1423	-1285	-1320	-1310
-1165	-1013	-892	-645	-218	109	325	641	983	1250	1523	1788	1992	2090	2091	1886	1405	837	515	343
-63	-501	-803	-1071	-1509	-1900	-2106	-2262	-2041	-2041	-1757	-1496	-1379	-1268	-1305	-645	-244	136	442	770
1006	1110	1197	1302	1274	1142	1032	866	602	279	54	-182	-519	-770	-899	-1035	-1188	-1337	-1544	-1695
-1621	-1473	-1307	-1119	-866	-577	-319	-95	83	244	458	698	917	1044	1089	1064	980	867	775	626
449	294	144	-18	-247	-548	-747	-868	-893	-991	-1167	-1204	-978	-788	-759	-777	-648	-382	-128	21
205	408	555	578	648	767	811	821	868	917	832	682	572	501	391	212	65	-12	-112	-350
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-317	-359	-370	-345	-354	-404	-411	-390	-483	-701	-839	-745	-631	-563	-463	-262	60	294	445	665
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103	101	70	22	3	13	-6	-74	-157	-257	-377	-508	-642	-725	-726	-719	-738	-733	-665	-582
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303	356	396	392	377	403	436	393	292	209	154	102	53	-2	-81	-207	-300	-404	-532	-628
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162	160	157	143	116	87	59	29	0	-25	-35	-298	255	212	166	-70	-70	-87	-86	-46
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79	82	30	-22	-50	-68	-93	-111	-116	-107	-108	-141	-138	-97	-74	-77	-64	-22	19	46
67	87	100	108	107	90	73	54	29	-3	-35	-64	-87	-95	-84	-74	-63	-52	-44	-52
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-66	-70	-66	-63	-62	-57	-17	-39	1	17	32	44	55	67	78	81	78	75	74	

11E074 71.047.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
 STATION NO. 225 4580 WILSHIRE BLVD., 6TH FLOOR, LOS ANGELES, CAL. COMP DOWN 34 03 41N, 118 19 51W
 INSTR PERIOD = 0.0450 SEC DAMPING = 0.5688 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = -135.8 CM/SEC/SEC AT 0.0 SEC VELO = -6.2 CM/SEC AT 14.60 SEC DISP = -3.4 CM AT 5.52 SEC
 INITIAL VELC = -0.09318 CM/SEC INITIAL DISP = 1.17784 CM

2917 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC																			
-1358	-1246	-13	1055	990	26	-666	-601	-284	85	317	384	-30	-646	-574	352	850	198	-695	-731
-354	229	345	-61	-24	27	212	193	255	321	-83	-475	-282	420	709	131	-446	-607	-137	620
854	488	-416	-810	-583	207	505	243	-99	-47	177	455	245	-167	-213	-91	-35	287	450	-141
-632	-513	374	1007	848	43	-866	-915	-540	181	593	177	-500	-808	-533	218	823	756	-181	-585
-547	100	646	551	304	-227	-410	-131	109	281	376	83	-297	-295	6	28	-152	-197	-112	154
301	186	-122	-141	200	460	516	263	-1	-123	-274	-195	124	187	144	78	74	-150	-425	-338
321	769	669	-122	-875	-911	-148	566	456	88	40	-163	-18	-181	-141	-298	-395	-31	384	125
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146	101	99	72	104	13	266	134	233	210	-106	-82	92	-95	-34	155	111	8	-86	-101
-242	-231	-181	-210	-162	-208	-45	-113	-98	-38	-37	-128	-241	-196	-34	156	219	-13	-52	153
231	199	43	-174	-109	19	-48	11	17	-19	211	235	101	-16	38	267	351	394	351	85
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9	-200	-153	-282	-88	-160	-80	230	283	-26	-280	-268	-102	216	195	-179	-212	-190	-102	93
89	129	-237	-60	206	229	-107	-393	-41	-95	-67	174	170	-94	-264	-106	-40	168	268	109
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113	52	-74	-227	-255	-98	9	59	24	-173	-256	-228	-64	29	-38	-102	-143	-244	-150	14
-12	-98	-211	-230	-74	242	333	162	41	-109	-155	12	185	201	56	-66	-110	16	204	98
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-130	-191	-71	-37	-114	-48	-142	-254	-273	-225	-20	-7	-135	-278	-314	-128	-61	-120	-92	-115
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-18	-14	-10	-12	-13	-15	-14	-12	-15	-16	-10	-5	-2	-7	-11	-12	-11	-12	-8	-12
-8	-2	-5	0	-1	-2	4	-2	-1	-2	9	12	4	6	17	16	19	16	8	2
7	23	39	36	14	19	22	9	11	10	10	0	-12	-9	11	21	7	-4	3	13
19	21	18	5	2	14	14	10	-1	-9	-13	8	14	3	-12	-19	-7	16	13	-1
-1	3	8	8	2	-7	-12	-8	4	17	21	1	-19	-21	3	14	11	6	-3	-9
-10	-4	-4	7	4	1	3	6	-2	-12	-12	-1	11	1	-17	-23	-14	5	13	7
-1	-8	-7	-2	-1	2	-3	0	-1	2	-3	-1	-1	8	3	7	11	5	10	12
4	7	12	0	-10	-8	12	37	46	33	18	3	3	20	40	42	31	23	23	19
21	15	18	18	17	22	13	12	13	14	20	11	3	-11	-11	1	9	6	1	-5
-13	-6	17	18	8	2	-6	-13	-14	-4	-9	-6	10	11	4	-5	-7	-6	-3	-4
-7	-9	-7	-10	-12	-9	-6	-5	-10	-18	-21	-17	-13	-9	-10	-10	-10	-17	-23	-15
-13	-10	-11	-18	-11	-5	-8	-12	-20	-24	-27	-25	-21	-18	-15	-16	-18	-18	-17	-18

-21	-24	-23	-25	-27	-24	-17	-9	-14	-17	-19	-16	-13	-19	-23	-22
-16	-11	-2	-4	-10	-16	-17	-11	-5	-11	-16	-13	-7	-7	-1	-3
-3	-1	16	9	-4	0	4	8	5	1	2	5	7	8	6	2
9	21	3	-7	-5	-1	-5	8	4	5	-5	-6	-7	-7	-1	5
-4	-9	-1	-11	-21	-23	-8	-2	-4	-19	-22	-20	-14	-7	-7	-6
-4	-3	5	-1	-4	-4	7	15	7	10	11	9	8			

11E075 71.056-0
STATION NO. 208
INSTR PERIOD = 0.3570 SEC DAMPING = 0.5764

SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
1470 WILSHIRE BLVD., SUBBASEMENT, LOS ANGELES, CAL.
ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

EPICENTER 34 24 00N, 118 23 42W
COMP NOISE 34 33 40N, 118 17 58W

PEAK VALS ACCLN = -111.8 CM/SEC/SEC AT 2.78 SEC VELO = 22.3 CM/SEC AT 6.78 SEC DISP = 11.4 CM AT 8.26 SEC

INITIAL VELC = 1.42826 CM/SEC INITIAL DISP = -0.15474 CM

2181 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

91	43	-124	-118	-116	-150	-140	-70	21	28	-22	-42	-4	18	-17	-31	27	84	55	-4
21	75	76	84	111	143	137	41	-50	-4	24	-55	-92	-44	-19	-16	36	81	124	174
172	134	130	113	121	148	95	-103	-182	-182	-162	-116	-59	9	107	214	224	138	95	156
253	233	144	24	-166	-293	-345	-406	-417	-271	-16	162	252	310	347	341	174	-17	-188	-362
-453	-450	-299	-18	157	85	-177	-478	-583	-464	-95	289	421	383	364	330	143	-90	-10	186
127	-18	-12	-23	-177	-289	-253	-291	-391	-381	-249	-94	24	57	178	519	761	640	342	143
22	-264	-682	-869	-663	-352	-223	-119	212	409	493	693	915	834	453	55	-233	-564	-1033	-1338
-1255	-980	-613	-111	231	147	-174	-254	106	434	431	155	-92	-161	-121	-80	-55	-51	-187	-235
88	575	936	884	303	-342	-581	-704	-733	-390	203	475	548	498	202	-1	109	247	114	-72
-73	38	225	294	99	-174	-333	-430	-457	-302	128	596	760	668	486	413	381	127	-234	-440
-481	-454	-510	-650	-764	-810	-758	-639	-440	-195	-126	-236	-381	-585	-827	-951	-927	-739	-373	-24
259	406	412	519	861	1155	1165	1159	1177	1167	1173	1165	1023	572	-94	-558	-690	-676	-597	-541
-558	-416	-96	301	667	789	747	605	306	1	-116	-174	-244	-110	173	337	279	-126	-527	-595
-473	-247	-64	-15	45	70	-28	-164	-264	-201	-39	-52	-141	-54	71	22	-60	-31	28	170
466	719	842	882	792	633	377	80	-128	-323	-557	-672	-543	-209	19	59	110	195	277	233
83	19	17	17	72	77	3	-59	-194	-423	-454	-115	175	201	193	145	31	-27	7	115
336	584	835	958	949	923	876	747	515	355	292	196	118	139	247	372	425	361	161	-83
-176	-211	-242	-226	-196	-201	-293	-470	-671	-842	-990	-1080	-1168	-1272	-1213	-962	-671	-374	-51	158
229	414	764	959	754	498	385	321	344	514	544	341	63	-214	-409	-610	-826	-884	-643	-123
320	440	435	400	311	206	133	158	296	367	204	6	-105	-200	-312	-402	-487	-513	-490	-479
-491	-440	-286	-165	-203	-226	-202	-171	-80	77	88	-122	-311	-385	-397	-373	-304	-198	-129	-139
-217	-294	-362	-420	-434	-416	-391	-358	-313	-285	-303	-321	-279	-196	-118	-11	159	271	303	322
346	428	222	132	88	48	-60	-185	-246	-149	44	132	154	109	56	92	113	72	17	-30
-70	-88	-47	10	43	123	216	228	193	141	54	-16	17	115	175	171	134	112	93	14
-125	-193	-130	-60	5	93	104	-5	-160	-253	-263	-223	-155	-76	74	259	363	307	189	155
170	188	182	112	12	-22	26	111	221	357	412	307	177	141	164	176	160	169	169	90
-31	-70	-38	44	170	282	335	369	440	453	347	185	13	-201	-370	-385	-337	-269	-208	-126
-17	17	-6	-22	-5	14	11	55	143	189	181	147	103	88	80	84	29	-18	-39	-39
-26	29	74	82	68	53	15	-86	-212	-314	-393	-451	-480	-482	-451	-429	-435	-433	-401	-336
-282	-259	-238	-169	-50	79	208	299	331	340	351	359	357	343	335	329	310	255	172	97
23	-66	-136	-135	-74	-51	-95	-158	-220	-292	-355	-406	-429	-403	-331	-244	-174	-86	-18	-23
-52	-60	-80	-129	-156	-152	-146	-137	-130	-133	-146	-152	-135	-100	-44	16	67	127	167	171
166	172	163	121	93	119	190	215	185	153	103	44	14	17	60	145	240	309	350	378
379	357	341	330	314	279	238	214	193	174	170	194	231	261	279	272	231	184	197	238
235	189	134	90	94	151	195	198	197	199	186	142	105	107	125	147	160	151	118	65
6	-47	-98	-161	-243	-301	-296	-307	-384	-463	-506	-527	-539	-513	-454	-392	-322	-264	-271	-350
-416	-438	-416	-371	-332	-322	-348	-388	-452	-506	-477	-376	-286	-376	-190	-121	-86	-87	-65	-31
11	59	86	87	97	108	80	19	-22	-28	-12	-3	12	54	90	83	66	104	154	154
106	39	-21	-23	22	54	53	28	13	21	37	48	60	60	35	31	47	67	89	83
48	21	32	85	132	154	163	147	110	68	41	26	44	104	154	166	152	120	79	68

92	140	172	151	103	85	98	106	117	142	192	248	269	267	284	312	321	334	304	310
295	267	242	243	236	232	234	248	261	239	183	123	81	50	16	22	-62	-95	-116	-110
-82	-87	-148	-211	-238	-239	-237	-239	-223	-190	-155	-133	-156	-207	-237	-260	-273	-257	-212	-153
-91	-59	-94	-144	-163	-142	-99	-78	-72	-76	-103	-157	-216	-256	-258	-215	-177	-184	-229	-283
-321	-317	-279	-220	-137	-46	31	77	73	47	13	-21	-22	38	130	197	222	196	158	114
56	16	46	103	150	170	160	138	113	99	107	108	86	60	42	31	30	51	101	123
113	99	84	82	77	58	21	-3	17	65	110	122	122	120	103	50	-29	-72	-95	114
-110	-94	-94	-112	-141	-160	-142	-75	-1	26	16	3	-34	-83	-126	-153	-161	-141	-107	-60
-27	-30	-62	-99	-126	-145	-170	-195	-196	-165	-139	-126	-109	-60	1	35	36	20	6	-25
-62	-76	-63	-51	-40	-20	16	54	94	132	144	126	104	79	53	28	29	57	93	148
202	222	217	212	209	213	224	233	228	206	186	172	164	157	150	144	128	99	74	60
49	40	33	31	43	63	61	36	33	48	46	44	46	43	32	21	8	-9	-37	-73
-93	-99	-106	-115	-129	-143	-149	-142	-121	-96	-71	-38	-5	-9	-37	-41	-16	5	9	6
3	6	-4	-42	-84	-119	-140	-144	-121	-77	-32	-3	-17	-45	-60	-72	-82	-69	-40	-25
-15	-18	-38	-59	-83	-107	-114	-96	-78	-72	-80	-95	-102	-90	-70	-68	-84	-97	-105	-113
-120	-116	-91	-63	-41	-21	-1	16	27	29	17	0	-13	-15	-1	13	19	18	18	18
19	32	70	110	118	90	62	32	10	12	29	44	64	83	85	62	34	9	-14	-36
-48	-46	-41	-36	-24	-10	-13	-27	-34	-30	-15	15	46	71	95	114	107	74	34	7
19	51	79	91	76	61	57	58	59	67	77	85	80	66	51	34	15	-4	-31	-65
-99	-121	-107	-78	-54	-30	-20	-35	-59	-77	-90	-100	-94	-63	-29	0	22	42	50	22
-19	-52	-80	-106	-131	-150	-159	-148	-124	-102	-79	-57	-46	-46	-40	-19	7	28	47	63
67	50	31	13	-6	-19	-17	-10	-3	11	37	62	83	101	99	67	32	10	-1	-5
2	9	13	6	-4	-11	-15	-19	-22	-19	1	25	51	82	116	147	170	184	175	139
104	78	56	34	21	17	16	17	22	32	34	22	6	-9	-22	-36	-42	-23	8	37
64	72	55	38	20	5	-1	5	17	32	39	28	21	47	78	-36	87	70	54	37
38	58	79	103	115	108	96	86	74	61	44	32	24	21	28	36	30	15	7	6
7	10	15	15	-5	-33	-50	-61	-67	-63	-54	-45	-29	-10	9	28	34	18	-5	-46
-99	-140	-176	-188	-161	-129	-91	-50	-38	-41	-37	-31	-21	-10	-2	-3	-34	-21	-42	-46
-25	-3	10	13	3	-5	-6	-8	-16	-25	-21	-9	4	18	22	13	2	-4	-4	-4
-5	-5	-9	-25	-47	-67	-83	-91	-91	-83	-75	-59	-31	-4	17	36	47	42	37	36
44	52	47	28	9	-3	1	16	31	49	67	75	70	65	69	77	81	72	56	42
30	21	12	1	-10	-15	-15	-16	-26	-40	-56	-74	-88	-81	-55	-29	-6	14	26	29
29	26	18	7	-5	-16	-26	-36	-46	-56	-65	-73	-81	-87	-92	-98	-97	-76	-50	-32
-32	-50	-67	-83	-97	-100	-90	-80	-66	-46	-24	-4	9	11	13	12	4	-7	-13	-2
20	41	65	89	113	123	104	76	55	40	27	16	23	48	71	79	56	24	9	5
4	4	3	5	7	10	14	21	19	1	-22	-45	-76	-105	-97	-64	-42	-35	-33	-31
-29	-27	-25	-27	-34	-34	-16	8	19	21	24	31	46	55	49	40	38	47	54	41
10	-12	-19	-22	-26	-30	-33	-31	-11	23	54	80	92	69	34	2	-28	-57	-77	-49
17	77	128	150	126	87	47	9	-27	-57	-70	-74	-78	-75	-70	-64	-55	-41	-10	37
82	124	160	172	159	149	148	153	153	132	98	63	19	-29	-79	-130	-158	-123	-67	-22
23	65	108	135	125	101	71	26	-21	-64	-92	-104	-115	-123	-127	-122	-111	-99	-88	-65
-32	-13	-11	-18	-33	-42	-29	-4	10	3	-9	-20	-33	-45	-58	-70	-83	-95	-107	-117
-127	-131	-108	-66	-33	-34	-62	-68	-41	-8	9	1	-15	-29	-44	-57	-62	-55	-49	-45
-43	-50	-68	-80	-83	-81	-76	-67	-28	38	67	78	75	48	21	-6	-31	-44	-46	-46
-34	-18	-3	13	34	58	81	100	118	137	143	120	91	68	47	26	16	20	22	23
23	23	23	41	83	108	110	109	101	87	64	48	46	45	40	35	29	24	19	15
15	18	20	18	14	13	12	12	7	-6	-18	-22	-21	-24	-34	-28	6	39	53	42
34	34	29	19	10	10	19	30	32	13	-11	-33	-51	-59	-59	-59	-59	-51	-34	-16
2	21	38	51	61	60	43	18	-12	-36	-55	-59	-47	-33	-12	24	32	27	12	-9
-26	-40	-53	-66	-75	-80	-87	-95	-97	-83	-67	-52	-45	-55	-68	-74	-71	-59	-44	-31

-17	-5	7	19	29	38	46	52	48	37	27	14	-2	-17	-31	-42	-52	-60	-56	-45
-35	-26	-18	-10	-5	-4	-4	-4	-4	-3	-3	-2	7	23	39	51	59	50	32	15
2	-1	0	0	1	2	9	20	30	40	51	63	73	73	69	60	43	24	10	10
34	73	94	78	47	25	8	-1	0	3	8	17	22	11	-5	-3	21	45	57	57
56	56	56	55	53	48	41	35	30	27	25	23	21	16	5	-9	-29	-55	-71	-57
-33	-12	9	20	14	2	-6	-11	-13	-14	-12	-10	-5	5	18	24	22	19	15	1
-16	-32	-40	-40	-40	-37	-30	-20	-15	-15	-15	-18	-25	-34	-36	-24	-9	1	-5	-22
-29	-24	-15	-10	-9	-10	-13	-17	-18	-19	-18	-11	5	18	19	14	7	-6	-14	-5
14	25	31	35	32	23	16	11	8	5	-4	-18	-32	-44	-54	-65	-71	-60	-37	-22
-19	-20	-18	-16	-13	-12	-19	-30	-38	-33	-23	-13	-5	2	9	17	23	26	26	26
26	26	22	10	-4	-9	-2	9	17	23	28	33	38	42	42	39	36	33	30	28
25	22	16	3	-11	-24	-34	-37	-36	-37	-36	-31	-24	-17	-9	0	10	15	7	-7
-18	-29	-39	-45	-43	-40	-43	-46	-47	-43	-35	-35	-40	-43	-47	-45	-35	-24	-16	-8
-4	-9	-15	-14	-10	-11	-15	-11	2	16	25	27	29	31	42	62	69	60	52	50
51	51	49	47	44	42	40	38	38	38	39	39	40	40	41	41	41	41	39	36
34	32	31	29	28	29	29	27	22	15	9	3	-4	-10	-17	-24	-28	-19	-1	13
14	10	6	3	2	3	3	-1	-8	-14	-17	-20	-22	-24	-26	-28	-28	-28	-29	-33
-40	-47	-55	-63	-69	-74	-76	-76	-76	-74	-71	-68	-66	-63	-61	-59	-59	-59	-59	-57
-48	-36	-26	-18	-11	-5	-1	4	9	12	15	15	16	20	29	38	45	46	43	41

11E075 71.056.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
 STATION NO. 208 347J WILSHIRE BLVD., SUBBASEMENT, LOS ANGELES, CAL. COMP S90W 34 03 40N, 118 17 58W
 INSTR PERIOD = 0.0560 SEC DAMPING = 0.5375 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = 111.8 CM/SEC/SEC AT 1.78 SEC VELO = 18.6 CM/SEC AT 12.66 SEC DISP = -11.6 CM AT 6.60 SEC

INITIAL VELO = 1.94688 CM/SEC INITIAL DISP = 0.17441 CM

2180 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

27	13	-34	-8	7	-20	-1	11	-6	-28	-18	-16	-51	-90	-72	-12	44	70	53	-2
-51	-86	-77	-16	29	21	4	29	69	84	34	4	18	-15	-69	-63	1	23	33	85
107	73	53	40	25	-12	-88	-131	-66	-22	4	60	56	26	-31	-71	-68	-59	-20	21
71	69	105	171	168	188	167	37	-151	-259	-302	-283	-233	-192	-140	-77	-49	-92	-188	-272
-154	-501	-672	-822	-821	-576	-39	613	1068	1118	845	483	222	160	299	427	454	373	236	190
224	317	345	221	94	34	11	5	9	-74	-275	-474	-540	-465	-405	-497	-558	-448	-220	10
61	20	-19	-1	26	-1	-45	-216	-463	-535	-360	-233	-237	-170	116	507	664	597	437	153
-275	-559	-471	-314	-279	-259	-149	79	460	899	1093	961	664	406	318	281	141	-61	-238	-306
-326	-365	-288	52	334	338	232	53	-254	-527	-661	-596	-315	132	408	313	-87	-568	-801	-776
-495	-132	-19	-128	-324	-401	-315	-179	-41	-30	-212	-348	-372	-389	-348	-164	71	167	159	209
335	442	402	230	-60	-297	-475	-589	-621	-587	-433	-140	175	402	503	486	439	409	317	230
241	283	314	367	491	654	805	822	669	506	399	325	170	-167	-373	-259	-106	-129	-256	-290
-225	-305	-387	-560	-495	-310	-241	-334	-439	-556	-476	-313	-14	369	512	282	-155	-472	-467	-288
-225	-305	-370	-406	-402	-296	-54	285	439	335	202	424	552	512	512	346	113	-51	-13	211
487	677	702	654	515	258	-19	-235	-311	-230	-157	-190	-386	-602	-648	-479	-248	-43	39	-17
-69	-33	69	168	139	3	-80	-58	32	67	-36	-261	-392	-268	-76	7	12	93	197	170
37	-92	-44	199	398	420	354	361	504	602	557	497	465	388	235	96	59	84	236	524
704	887	975	747	392	-29	-354	-422	-401	-405	-454	-544	-642	-709	-639	-442	-222	-88	-22	153
614	922	850	724	666	648	469	210	20	-91	-164	-75	133	146	17	-16	-14	-103	-248	-333
-321	-268	-310	-450	-488	-305	107	450	610	647	509	361	331	387	363	200	-6	-114	-113	-81
-138	-227	-156	-3	53	53	51	38	-24	-116	-70	103	176	94	-81	-202	-221	-166	-56	58
116	94	53	83	159	116	-58	-286	-458	-534	-562	-541	-696	-472	-481	-497	-462	-384	-302	-215
-132	-42	96	231	342	434	407	270	127	-44	-209	-322	-395	-396	-325	-293	-363	-428	-439	-421
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11E075 71.056.0

STATION NO. 208

INSTR PERIOD = 0.0550 SEC DAMPING = 0.5519

SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST

3470 WILSHIRE BLVD., SUBBASEMENT, LOS ANGELES, CAL.

ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

EPICENTER

COMP DOWN

34 24 00N, 118 23 42W
34 03 40N, 118 17 58W

PEAK VALS

ACLN = -47.3 CM/SEC/SEC AT 6.04 SEC

VELO = 7.3 CM/SEC AT 7.72 SEC

DISP = 4.0 CM AT 9.14 SEC

INITIAL VELO = 1.32410 CM/SEC INITIAL DISP = 0.55600 CM

2183 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

9	33	5	-77	-123	-90	-57	-50	-39	-46	-54	-17	61	115	121	170	144	-35	-68	109
76	-113	-183	-231	-186	0	94	7	-55	-127	-154	-95	-23	50	147	148	76	20	9	55
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11E076 71.057.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
 STATION NO. 209 1470 WILSHIRE BLVD., 5TH FLOOR, LOS ANGELES, CAL. COMP N90E 34 03 40N, 118 17 58W
 INSTR PERIOD = 0.0540 SEC DAMPING = 0.5763 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = -222.7 CM/SEC/SEC AT 4.28 SEC VELO = -27.5 CM/SEC AT 12.92 SEC DISP = -13.3 CM AT 8.78 SEC

INITIAL VELO = 1.38202 CM/SEC INITIAL DISP = -1.51099 CM

3210 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

-49	-64	-70	-65	-32	17	36	7	-25	-28	-17	-23	-6	28	24	-18	-50	-66	-67	-35
12	39	58	88	104	64	-18	-88	-135	-157	-123	-40	44	95	108	80	25	-54	-123	-160
-152	-99	-43	17	65	73	61	50	19	-31	-83	-126	-143	-121	-50	79	219	274	214	87
-64	-166	-215	-206	-128	-37	37	48	26	56	117	163	175	148	74	-52	-144	-145	-91	9
150	311	499	675	797	828	712	333	-265	-960	-1366	-1216	-607	293	1036	1226	924	279	-509	-1150
-1489	-1463	-1220	-774	-145	325	389	223	-211	-716	-1006	-982	-672	-238	225	585	849	913	666	274
-86	-340	-414	-250	131	565	927	1172	1294	1325	1251	1008	639	288	32	-138	-266	-335	-305	-128
139	504	861	566	775	397	-67	-588	-1076	-1345	-1418	-1456	-1376	-1122	-720	-276	-43	-61	-230	-440
-626	-739	-723	-602	-467	-379	-363	-408	-391	-220	84	460	831	1032	924	523	-30	-320	-98	347
980	1433	1663	1562	1230	835	548	372	252	180	265	496	774	1000	1060	980	813	504	53	-270
-494	-721	-883	-915	-763	-455	-40	393	704	755	360	-284	-939	-1740	-2227	-2114	-1581	-940	-312	81
299	262	73	-256	-637	-976	-1189	-1225	-1118	-824	-342	51	306	529	663	676	493	185	-107	-305
-398	-383	-217	153	651	1146	1384	1305	1137	944	721	505	319	171	13	-158	-128	194	591	1011
1255	1222	1011	738	456	195	-15	-180	-340	-497	-625	-615	-414	-184	-80	-125	-240	-325	-336	-333
-440	-644	-895	-1191	-1403	-1373	-1114	-810	-461	-145	37	15	-154	-333	-454	-461	-362	-223	-76	21
75	167	320	492	639	665	627	632	619	539	437	386	487	713	974	1158	1174	1027	777	484
195	39	69	168	227	199	128	37	-79	-274	-510	-687	-806	-903	-958	-906	-765	-598	-485	-538
-729	-1047	-1425	-1739	-1836	-1655	-1255	-688	-159	143	186	90	-77	-235	-353	-389	-369	-303	-189	-52
150	424	667	758	553	219	210	368	571	763	928	1057	1081	918	660	432	201	-2	-91	-35
122	313	490	623	675	653	565	376	50	-350	-781	-1225	-1476	-1421	-1142	-784	-424	-80	109	242
268	-64	-545	-845	-1055	-1171	-1129	-982	-725	-387	-56	216	334	331	187	4	-131	-188	-156	-75
17	89	143	244	391	532	622	674	712	752	785	804	806	782	734	684	651	659	688	710
700	614	465	314	168	35	-85	-181	-222	-191	-121	-14	153	304	383	373	276	126	-68	-275
-463	-586	-642	-652	-601	-467	-271	-88	26	53	-6	-104	-203	-290	-317	-264	-176	-64	69	170
263	332	375	399	414	426	427	398	313	179	30	-77	-125	-79	65	241	398	518	604	625
545	382	240	106	-44	-190	-277	-284	-203	-70	74	200	272	260	151	2	-134	-233	-285	-287
-219	-139	-102	-90	-67	-16	37	92	150	200	223	213	156	86	50	54	97	184	296	396
465	496	483	424	351	290	260	251	242	238	269	337	395	434	446	412	338	237	134	42
-34	-88	-134	-181	-239	-294	-320	-298	-255	-226	-245	-303	-397	-520	-658	-761	-791	-764	-708	-639
-558	-501	-486	-501	-538	-570	-602	-605	-525	-396	-274	-165	-98	-80	-94	-123	-150	-161	-152	-140
-118	-79	-13	74	157	234	290	313	270	176	76	-29	-109	-146	-161	-161	-157	-154	-148	-137
-142	-176	-223	-287	-366	-466	-582	-689	-751	-793	-820	-809	-750	-675	-581	-473	-403	-369	-348	-335
-320	-294	-255	-209	-142	-59	25	106	188	281	384	486	584	670	740	784	801	814	830	847
866	879	884	886	886	885	881	870	845	798	735	662	580	507	433	380	347	327	317	304
278	223	144	50	-59	-185	-332	-467	-576	-667	-706	-667	-575	-481	-399	-344	-325	-352	-425	-516
-593	-644	-670	-652	-590	-480	-335	-186	-37	82	143	167	145	102	54	15	24	112	243	399
551	651	690	680	640	600	580	576	574	572	568	563	564	569	562	534	494	441	386	351
322	288	247	182	90	-6	-85	-165	-241	-301	-352	-401	-448	-496	-541	-562	-546	-530	-531	-553
-565	-556	-544	-554	-583	-613	-647	-681	-707	-708	-671	-580	-464	-354	-259	-178	-98	-26	44	111
177	237	284	324	368	411	455	489	496	480	470	487	539	607	672	710	700	648	575	497

427	368	321	299	312	325	309	257	166	39	-118	-263	-386	-493	-556	-576	-555	-514	-486	-488
-521	-587	-713	-873	-1037	-1159	-1181	-1111	-976	-815	-645	-496	-406	-366	-367	-384	-407	-430	-430	-394
-329	-233	-102	46	211	378	513	601	663	676	654	616	570	516	469	459	494	562	654	746
805	809	762	679	572	458	332	192	69	-27	-108	-152	-138	-89	-50	-44	-130	-223	-223	-318
-412	-507	-603	-696	-797	-842	-821	-772	-675	-565	-467	-401	-375	-364	-367	-387	-392	-352	-281	-204
-113	-11	109	219	283	324	366	424	508	589	667	726	753	770	770	747	724	708	712	735
754	759	742	719	689	643	592	525	437	351	273	207	136	53	-33	-117	-197	-264	-313	-358
-406	-507	-554	-591	-591	-625	-663	-697	-728	-754	-757	-722	-678	-633	-580	-546	-553	-574	-583	-555
-496	-416	-315	-215	-125	-55	10	83	163	239	291	326	357	382	409	461	537	614	689	742
764	742	683	616	549	494	461	454	456	455	456	453	442	422	383	318	242	151	56	-48
-146	-227	-292	-353	-414	-474	-531	-577	-598	-598	-602	-610	-621	-632	-642	-651	-656	-652	-641	-610
-562	-506	-438	-370	-307	-245	-178	-109	-58	-29	9	60	105	151	219	293	365	428	475	508
525	529	536	546	553	548	540	535	532	525	506	483	461	421	361	302	248	193	138	85
36	-14	-63	-113	-163	-207	-243	-270	-297	-323	-352	-382	-417	-471	-527	-550	-556	-565	-575	-576
-557	-519	-472	-416	-351	-288	-239	-220	-215	-212	-205	-186	-159	-129	-91	-41	19	93	170	238
283	297	290	282	289	312	331	346	354	355	356	357	358	358	351	331	306	279	261	251
235	210	181	152	113	72	34	3	-27	-64	-111	-159	-206	-252	-289	-300	-293	-286	-278	-278
-286	-295	-303	-310	-314	-313	-313	-313	-310	-310	-302	-293	-284	-273	-252	-218	-170	-116	-60	-2
53	100	131	157	170	172	177	183	186	187	212	253	282	310	336	360	375	372	352	332
311	291	275	265	260	257	250	232	208	184	156	131	108	88	72	58	42	21	-1	-16
-17	-9	-11	-30	-67	-108	-163	-238	-291	-311	-305	-275	-239	-200	-165	-138	-125	-110	-95	-85
-84	-85	-84	-84	-83	-71	-45	-16	16	48	79	107	134	158	173	187	198	205	204	185
165	155	151	156	160	164	169	174	174	162	146	131	116	100	79	53	30	11	-7	-26
-50	-80	-115	-156	-196	-229	-241	-233	-219	-204	-188	-178	-171	-167	-175	-189	-212	-249	-280	-293
-283	-258	-227	-187	-137	-78	-23	24	53	69	78	75	55	31	15	1	1	26	63	99
139	183	232	269	285	291	275	228	163	104	62	48	55	69	90	117	143	161	163	145
115	71	18	-36	-93	-161	-211	-225	-221	-193	-159	-132	-109	-102	-115	-139	-167	-198	-223	-232
-217	-189	-162	-138	-123	-114	-105	-95	-84	-70	-48	-25	-1	24	49	75	100	125	147	157
162	167	173	178	184	193	204	214	219	223	228	234	232	218	199	178	152	120	90	67
53	40	32	30	31	31	26	10	-15	-48	-83	-122	-161	-184	-196	-198	-192	-184	-172	-161
-148	-135	-129	-135	-146	-161	-178	-194	-197	-183	-158	-129	-96	-64	-27	11	46	80	110	133
149	142	108	68	35	19	29	59	99	145	187	216	236	250	258	250	228	199	155	111
73	49	34	26	21	15	14	21	31	41	52	61	58	25	-25	-83	-142	-200	-245	-265
-265	-257	-245	-226	-201	-175	-155	-158	-179	-203	-225	-228	-206	-175	-141	-107	-75	-48	-38	-36
-34	-35	-35	-35	-30	-10	19	48	83	117	153	191	222	235	239	236	230	224	210	194
183	175	169	165	161	157	153	148	142	135	128	115	94	68	38	9	-21	-50	-69	-74
-70	-66	-61	-53	-63	-85	-114	-151	-183	-209	-229	-227	-211	-198	-184	-172	-165	-160	-156	-154
-153	-152	-149	-137	-118	-98	-79	-64	-50	-38	-26	-15	-10	-7	-2	12	43	84	127	166
185	171	141	101	62	34	36	68	95	112	123	125	125	126	137	169	194	202	180	130
77	26	-30	-89	-126	-141	-136	-115	-95	-70	-49	-40	-40	-41	-43	-42	-40	-59	-91	-117
-139	-158	-170	-171	-160	-134	-101	-76	-59	-35	-6	20	28	34	40	46	50	63	88	118
121	87	43	16	12	17	37	78	128	154	151	138	129	134	153	167	159	133	95	58
12	-29	-53	-68	-71	-66	-56	-33	2	27	51	60	47	22	-9	-47	-88	-128	-173	-215
-233	-237	-231	-235	-154	-94	-39	14	53	74	79	62	26	-16	-63	-111	-140	-149	-147	-129
-94	-55	-4	64	129	180	218	232	216	166	101	44	-6	-34	-41	-35	-9	46	107	150
191	224	239	229	187	137	75	1	-67	-107	-129	-122	-99	-55	2	56	102	134	145	129
81	14	-73	-154	-221	-258	-265	-257	-233	-195	-146	-80	-15	37	59	57	28	22	-81	-139
-173	-193	-201	-192	-170	-127	-78	-32	27	81	133	171	187	181	168	154	121	74	31	-4
-24	-25	-11	18	64	120	166	206	243	265	262	238	205	153	72	4	-37	-67	-78	-77
-68	-58	-49	-34	-23	-10	-7	-13	-34	-68	-105	-146	-179	-201	-220	-233	-244	-249	-247	-234

-206	-173	-143	-124	-108	-93	-80	-77	-81	-88	-98	-104	-110	-112	-103	-86	-61	-34	-3	39
80	122	164	192	207	216	218	204	183	158	126	101	86	82	87	113	147	176	197	210
213	204	180	145	105	65	26	-4	-24	-35	-38	-38	-37	-32	-27	-30	-35	-46	-60	-77
-102	-133	-161	-185	-195	-193	-174	-144	-118	-98	-82	-65	-62	-73	-84	-94	-100	-99	-105	-108
-95	-77	-57	-38	-20	10	38	60	75	90	102	111	116	116	116	122	122	115	113	110
103	57	92	88	86	87	92	101	109	109	109	109	112	117	121	122	112	99	85	65
49	34	16	0	-11	-17	-21	-22	-23	-22	-20	-16	-17	-19	-19	-19	-17	-17	-12	-7
-6	-7	-8	-9	-6	0	-1	-6	-10	-17	-29	-43	-61	-78	-94	-107	-116	-118	-116	-110
-96	-79	-60	-34	-11	5	29	43	44	39	31	16	-4	-18	-33	-51	-63	-68	-59	-44
-28	-1	32	62	87	99	93	77	58	34	11	-5	-15	-16	-13	1	26	52	71	83
86	78	56	27	-11	-36	-42	-40	-27	-14	-4	4	9	8	-1	-15	-28	-31	-22	-14
-19	-34	-43	-48	-52	-50	-40	-27	-14	-8	-13	-24	-35	-46	-52	-55	-57	-61	-57	-45
-24	-5	8	16	14	7	-12	-30	-45	-65	-70	-70	-72	-69	-54	-28	-7	8	16	19
13	-1	-6	-7	-7	-8	-10	-15	-16	-16	-11	0	11	17	17	15	14	17	20	21
22	26	28	27	18	9	5	7	12	18	30	46	58	63	60	53	40	19	3	-10
-13	-1	17	32	43	47	46	41	31	13	-4	-19	-35	-42	-50	-57	-53	-40	-32	-28
-28	-32	-40	-46	-50	-54	-60	-65	-67	-71	-74	-76	-72	-58	-40	-30	-23	-15	-9	-8
-11	-10	-10	-12	-16	-13	-4	9	22	33	44	55	60	59	58	61	62	62	64	73
77	72	68	67	61	47	30	15	7	8	14	24	39	43	51	56	46	34	23	12
1	-12	-27	-40	-47	-49	-50	-49	-38	-22	-11	-9	-9	-11	-14	-16	-15	-13	-13	-14
-14	-14	-14	-13	-9	1	11	20	30	40	42	43	42	30	19	18	18	18	19	19
19	21	24	29	34	36	41	45	39	29	13	26	-12	-14	-7	1	10	21	24	20
15	4	-15	-30	-35	-34	-28	-16	1	17	24	26	24	18	10	0	-10	-21	-33	-40
-36	-30	-22	-8	5	11	5	-5	-14	-23	-33	-37	-41	-45	-38	-24	-10	-2	8	9
0	-7	-17	-33	-49	-55	-56	-61	-65	-65	-62	-50	-32	-21	-12	-4	4	7	11	13
8	4	6	2	-6	-12	-15	-15	-11	-4	8	24	41	57	69	71	62	48	35	20
9	9	20	34	52	77	101	117	123	119	103	81	62	42	20	7	-3	-4	6	26
53	72	80	77	67	58	36	11	-10	-26	-39	-45	-44	-42	-37	-28	-26	-27	-18	-18
-36	-50	-61	-76	-87	-91	-96	-95	-86	-72	-57	-44	-34	-17	4	10	4	2	-1	-15
-33	-43	-46	-40	-31	-17	9	41	55	49	38	30	21	7	1	0	3	15	32	40
44	40	30	17	0	-15	-29	-40	-44	-41	-30	-12	-1	1	6	6	-9	-25	-38	-45
-48	-50	-53	-53	-46	-33	-20	-10	-5	-4	-4	-5	-7	-9	-11	-13	-16	-18	-16	-12
-7	-4	-2	-1	0	-2	-4	2	9	15	20	28	34	33	29	24	14	7	4	2
-9	-16	-12	-4	1	4	5	5	10	11	15	13	10	9	9	8	5	0	-9	-14
-17	-17	-8	8	25	40	46	45	43	36	30	25	17	11	8	12	23	29	36	46
55	64	64	63	65	61	53	41	24	9	0	-7	-8	-3	7	12	20	30	33	32
31	28	19	8	0	-14	-32	-51	-63	-65	-57	-45	-34	-25	-15	-2	8	3	0	-12
-30	-38	-46	-54	-60	-58	-43	-29	-18	-8	2	7	9	12	11	7	7	7	9	9
5	4	9	18	26	28	26	23	21	20	16	13	11	9	10	12	12	9	11	15
14	11	13	11	7	-5	-25	-29	-26	-27	-26	-20	-10	2	15	25	34	34	19	1
-16	-31	-40	-36	-26	-15	2	23	38	36	37	38	30	21	11	0	-20	-36	-34	-21
-4	9	23	36	27	4	-15	-33	-48	-58	-68	-78	-80	-71	-61	-52	-36	-25	-24	-28
-41	-57	-65	-72	-81	-84	-77	-65	-58	-54	-49	-47	-47	-47	-47	-47	-45	-42	-42	-46
-47	-42	-30	-19	-8	4	15	24	27	28	28	23	12	4	0	-5	-7	-7	-3	13
28	37	46	50	47	39	31	19	7	-6	-25	-34	-34	-30	-21	-7	8	27	39	35
22	13	2	-9	-16	-17	-17	-17	-17	-17	-16	-15	-12	-7	-2	1	3	8	16	22
29	39	46	46	38	30	28	27	27	28	28	28	29	43	53	61	72	69	58	43
24	6	0	3	5	11	28	39	48	53	55	53	43	32	18	-1	-8	-7	-7	-6
2	16	26	30	31	31	30	24	12	-7	-24	-35	-43	-39	-26	-9	6	18	26	25
21	17	7	-4	-18	-28	-32	-37	-40	-38	-23	-6	0	5	12	16	17	16	10	-2

11E076 71.057.0

STATION NO. 209

INSR PERIOD = 0.0550 SEC DAMPING = 0.5630

SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST

3470 WILSHIRE BLVD., 5TH FLOOR, LOS ANGELES, CAL.

ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

EPICENTER 34 24 00N, 118 23 42W

COMP DOWN 34 03 40N, 118 17 58W

DISP = -6.5 CM AT 7.30 SEC

PEAK VALS

ACLN = -87.7 CM/SEC AT 3.40 SEC

VELO = 9.3 CM/SEC AT 7.74 SEC

INITIAL VELC = 2.91380 CM/SEC

INITIAL DISP = -0.03262 CM

3199 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

0	95	53	-102	-197	-166	-87	-16	-11	-67	-93	38	239	184	55	-16	-92	-126	-36	78
118	114	57	-191	-360	-208	29	136	47	-80	-137	-157	-142	-32	102	162	116	57	35	47
98	95	-47	-243	-280	-84	62	-83	-337	-375	-158	88	75	-163	-355	-151	324	547	356	-14
-199	-92	112	179	61	-52	-132	-217	-263	-142	47	76	8	78	190	184	101	89	116	42
-47	-139	-309	-502	-547	-341	28	278	137	-195	-413	-186	316	591	499	85	-376	-606	-436	-80
248	253	13	-185	-208	3	305	502	425	209	127	150	144	115	137	202	245	196	4	-234
-310	-143	84	106	-106	-378	-533	-428	-198	48	281	324	104	7	-57	13	162	175	-74	-349
-440	-340	-113	182	330	180	21	-16	-8	62	198	261	190	60	-152	-382	-376	-22	273	201
-56	-99	208	456	435	346	361	362	-53	-658	-877	-567	99	564	543	224	-66	-86	33	151
222	215	115	-138	-483	-554	-212	263	356	19	-383	-484	-303	-90	115	275	282	93	-188	-302
-292	-275	-235	-96	87	141	-16	-252	-243	98	470	494	245	20	-36	81	315	375	69	-322
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11E077 71.058.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
 STATION NO. 210 3470 WILSHIRE BLVD., 11TH FLOOR, LOS ANGELES, CAL. COMP NO. 34 03 40N, 118 17 58W
 INSTR PERIOD = 0.0500 SEC DAMPING = 0.5736 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS	ACLN = -236.0	CM/SEC/SEC AT 7.30 SEC	VELO = -54.2	CM/SEC AT 15.14 SEC	DISP = 15.9	CM AT 8.74 SEC
3209	INSTRUMENT AND BASELINE CORRECTED DATA IN			MM/SEC/SEC	AT EQUALLY-SPACED INTERVALS OF	
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-154	62	219	291	282	152	-84
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-143	34	243	439	636	739	738
1003	1164	1124	876	438	-148	-783
-248	-547	-822	-952	-914	-766	-593
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-425	-634	-892	-1168	-1495	-1736	-1890
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[illegible]

II077 71.058.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 STATION NO. 210 3470 WILSHIRE BLVD., 11TH FLOOR, LOS ANGELES, CAL.
 INSTR PERIOD = 0.0480 SEC DAMPING = 0.5645

EPICENTER 34 24 00N, 118 23 42W
 COMP N90E 34 03 43N, 118 17 58W
 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

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IIIE077 71-058.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 STATION NO. 210 3470 WILSHIRE BLVD., 11TH FLOOR, LOS ANGELES, CAL.
 INSTR PERIOD = 0.0480 SEC DAMPING = 0.5702 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

EPICENTER 34 24 00N, 118 23 42W
 COMP DOWN 34 03 40N, 118 17 58W

PEAK VALS ACCLN = -121.8 CM/SEC/SEC AT 3.40 SEC VELO = 7.8 CM/SEC AT 4.62 SEC DISP = -3.5 CM AT 16.36 SEC

3215 INSTRUMENT AND BASELINE CORRECTED DATA IN										AT EQUALLY-SPACED INTERVALS OF 0.02 SEC									
INITIAL VELO = 1.53866 CM/SEC										INITIAL DISP = -0.14922 CM									
MM/SEC/SEC										CM									
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IIE078 71.059.0
 STATION NO. 137
 INSTR PERIOD = 0.0520 SEC DAMPING = 0.5955
 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 WATER AND POWER BUILDING, BASEMENT, LOS ANGELES, CAL.
 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

EPICENTER 34 24 00N, 118 23 42W
 COMP NSOM 34 03 00N, 118 15 00W
 BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = 126.5 CM/SEC/SEC AT 4.20 SEC VELO = 23.4 CM/SEC AT 7.18 SEC DISP = 13.7 CM AT 8.50 SEC

INITIAL VELG = 1.83652 CM/SEC INITIAL DISP = 0.75437 CM

2842 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

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488	473	447	377	284	161	-4	71	454	533	282	8	-210	-301	-301	-148	-63	-174	-167	-95
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-7	2																		

11E078 71.059.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
STATION NO. 137 WATER AND POWER BUILDING, BASEMENT, LOS ANGELES, CAL. COMP S40W 34 03 00N, 118 15 00W
INSTR PERIOD = 0.0540 SEC DAMPING = 0.5781 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS	ACLN = -169.2	CM/SEC/SEC AT 5.40 SEC	VELO = -16.1	CM/SEC AT 10.64 SEC	DISP = 8.9	CM AT 9.80 SEC													
INITIAL VELO = 0.58486 CM/SEC INITIAL DISP = 0.28808 CM																			
2849	INSTRUMENT AND BASELINE CORRECTED DATA IN			MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC															
34	-60	48	-42	-134	-24	107	147	-23	-203	-130	63	76	-30	-48	-4	15	-44	-48	61
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-251	-25	-116	-364	-409	-430	-350	-192	-190	-102	26	-234	-472	-172	135	18	-86	3	-147	-498
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[illegible]

IIE078 71.059.0
 STATION NO. 137
 INSTR PERIOD = 0.0540 SEC DAMPING = 0.5977
 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 WATER AND POWER BUILDING, BASEMENT, LOS ANGELES, CAL.
 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = -67.2 CM/SEC/SEC AT 5.36 SEC VELO = 10.3 CM/SEC AT 7.94 SEC DISP = 6.5 CM AT 8.64 SEC

INITIAL VELO = -0.12871 CM/SEC INITIAL DISP = 0.50984 CM

2843 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

-71	86	-49	145	103	-106	-139	18	103	2	-123	-215	-294	-347	-137	199	278	103	-173	-163
116	184	-10	85	274	-79	-340	-105	11	-267	-315	-149	-63	-107	3	316	134	-132	-102	86
201	173	170	149	92	38	166	227	54	-81	14	111	-74	-211	-74	-11	-119	-119	2	72
-113	-191	-107	-59	-4	-30	-63	-181	-320	-88	206	198	-88	-284	-163	61	33	-28	78	166
106	-135	-158	78	150	134	198	267	176	-175	-168	112	153	105	192	291	208	43	41	193
183	-72	-201	-39	44	46	28	-50	-70	68	37	-147	-3	127	87	11	-46	-143	-329	-353
-142	101	77	45	194	296	220	-28	-198	-259	-110	120	10	-175	-85	135	-14	-242	-122	173
427	347	147	-23	-88	3	157	423	416	139	-172	-247	-106	59	257	280	72	-129	-174	-69
85	134	47	-6	97	127	-48	-10	283	330	18	2	155	82	-25	85	110	-64	-259	-497
-522	-250	79	114	-53	-173	-237	-123	25	-152	-311	-223	-187	-219	-33	227	293	179	-32	-121
-34	203	248	5	-61	100	93	-193	-217	82	308	344	347	213	-65	-165	-21	119	162	137
-6	-31	92	121	101	-3	-103	-82	-153	-174	-74	-51	-109	7	138	61	-159	-252	42	350
223	-164	-305	-126	77	-1	-215	-247	-170	-138	-98	-25	-54	-159	-133	-44	-112	-224	-153	2
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446	318	87	-127	-196	-20	94	104	144	95	-14	-130	-167	-116	-57	-68	-146	-94	71	206
316	304	252	219	202	285	337	231	149	3	-194	-252	-224	-223	-171	-127	-90	-86	-142	-114
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15	15	15	15	16	18	21	22	15	8	16	29	37	30	19	15	23	36	31	16
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4	8	9	5	3	-2	-9	-9	-9	-2	4	5	8	12	6	1	6	0	-2	-6	-6	-6	
12	13	12																				

IIE079 71.092.0
 STATION NO. 138
 INSTR PERIOD = 0.0590 SEC
 DAMPING = 0.5466
 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 WATER AND POWER BUILDING, 7TH FLOOR, LOS ANGELES, CAL.
 EPICENTER 34 24 00N, 118 23 42W
 COMP N50W 34 03 00N, 118 15 00W
 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS	ACLN = 163.3	CM/SEC/SEC AT 7.30 SEC	VELO = 28.2	CM/SEC AT 7.44 SEC	DISP = 18.2	CM AT 8.82 SEC
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INITIAL VELO = 2.06212 CM/SEC INITIAL DISP = 1.02729 CM
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3829 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

-14	-62	-73	-73	-73	-65	-45	-19	0	15	31	43	50	56	54	26	-17	-69	-126	-144	-99
-41	5	48	75	75	79	40	-16	-50	-70	-68	-43	-5	58	156	202	167	118	59	-14	-72
-89	-74	-37	27	27	96	123	122	71	-24	-124	-189	-197	-153	-76	38	61	112	139	151	-106
163	161	126	69	12	96	-52	-111	-150	-169	-167	-136	-83	-22	74	74	71	33	-19	-64	156
-146	-215	-352	-493	-493	-556	-537	-445	-302	-136	17	98	106	97	112	165	259	423	586	682	671
550	350	136	62	124	124	202	219	153	32	-92	-194	-263	-312	-359	-393	-368	-283	-167	-58	-1
-42	-249	-490	-577	-577	-515	-340	-194	-138	-146	-210	-194	-263	-312	-359	-393	20	84	101	101	89
79	72	75	90	109	109	130	152	199	278	334	348	304	239	207	192	190	191	186	198	282
381	409	389	296	133	133	-66	-217	-283	-287	-276	-251	-276	-390	-561	-677	-699	-603	-396	-61	329
588	693	518	113	-233	-233	-463	-662	-774	-739	-595	-389	-230	-161	-153	-157	-168	-170	-61	158	327
418	388	256	109	-23	-23	-119	-176	-188	-186	-176	-105	23	126	142	92	-59	-357	-614	-688	-529
-157	234	561	888	1190	1190	1444	1551	1456	1115	602	275	48	-157	-250	-189	-27	84	118	84	-4
-90	-121	-155	-219	-345	-345	-510	-713	-966	-1085	-1049	-863	-572	-330	-131	109	333	461	377	110	-201
-478	-679	-770	-757	-586	-586	-243	169	432	526	509	461	407	371	359	399	510	662	818	941	967
856	607	292	-53	-370	-370	-442	-291	-69	179	288	224	109	0	-47	-74	-82	-54	4	73	140
170	132	3	-159	-277	-277	-300	-191	9	241	429	509	528	488	351	96	-196	-393	-475	-469	-412
-308	-150	50	232	411	411	570	667	717	688	532	290	49	-87	-132	-170	-202	-224	-214	-111	156
428	504	484	387	218	218	24	-160	-267	-307	-330	-345	-348	-400	-532	-630	-651	-525	-255	4	264
511	836	1204	1460	1609	1609	1633	1505	1292	1097	790	424	162	-8	-73	-98	-121	-160	-230	-295	-373
-406	-307	-157	-83	-102	-102	-231	-457	-714	-895	-898	-803	-694	-592	-506	-436	-364	-271	-166	-84	-31
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573	606	568	476	476	341	181	12	-176	-388	-571	-696	-730	-657	-515	-395	-379	-442	-576	-731	-818
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-507	-409	-292	-203	-126	-126	-69	-39	-33	-39	-65	-107	-125	-88	-38	19	87	124	130	131	131
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184	153	113	53	16	21	32	44	56	68	79	88	96	105	112	122	138	163	197	222
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-47	-91	-144	-190	-223	-241	-239	-230	-226	-222	-218	-212	-206	-201	-198	-178	-144	-130	-135	-162
-193	-217	-242	-263	-273	-273	-272	-269	-266	-265	-266	-267	-271	-272	-269	-267	-270	-270	-262	-250
-235	-220	-209	-199	-193	-181	-160	-141	-127	-114	-103	-99	-97	-88	-75	-66	-65	-68	-74	-78
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209	193	178	166	155	143	125	107	96	89	81	72	62	59	68	81	110	137	132	109
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11E079 71.092.0
STATION NO. 138

SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
WATER AND POWER BUILDING, 7TH FLOOR, LOS ANGELES, CAL.

EPICENTER 34 24 00N, 118 23 42W
COMP S40W 34 03 00N, 118 15 00W
ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

INSTR PERIOD = 0.0540 SEC DAMPING = 0.5821

PEAK VALS ACCLN = -116.6 CM/SEC/SEC AT 3.62 SEC VELO = 28.1 CM/SEC AT 12.78 SEC DISP = 16.2 CM AT 13.58 SEC

INITIAL VELC = 1.13565 CM/SEC INITIAL DISP = 0.43667 CM

3835 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

-20	80	117	111	81	41	4	-26	-38	-40	-40	-32	-21	-18	-28	-33	-30	-17	-10	-4
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-159	-43	65	114	70	-64	-248	-405	-520	-523	-322	22	216	282	295	268	156	-64	-204	-180
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-475	-403	-351	-341	-370	-402	-392	-295	-140	-44	-19	-21	-28	-48	-83	-192	-359	-515	-641	-704
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-141	-103	93	351	527	541	420	275	179	129	123	164	150	73	-23	-152	-327	-534	-698	-863
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IIE079 71.092.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
 STATION NO. 138 WATER AND POWER BUILDING, 7TH FLOOR, LOS ANGELES, CAL. COMP DOWN 34 03 00N, 118 15 00W
 INSTR PERIOD = 0.0580 SEC DAMPING = 0.5686 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACN = 83.9 CM/SEC/SEC AT 6.58 SEC VELO = 12.8 CM/SEC AT 8.06 SEC DISP = -7.1 CM AT 52.40 SEC

3830 INSTRUMENT AND BASELINE CORRECTED DATA IN										INITIAL VELO = 1.37890 CM/SEC										INITIAL DISP = 0.64381 CM																													
										MM/SEC/SEC										AT EQUALLY-SPACED INTERVALS OF										0.02										SEC									
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25	16	9	9	10	10	7	6	13	18										

II080 71.093.0

STATION NO. 139

INSTR PERIOD = 0.0520 SEC

SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST

WATER AND POWER BUILDING, 15TH FLOOR, LOS ANGELES, CAL.

DAMPING = 0.5555

EPICENTER 34 24 00N, 118 23 42W

COMP NSOM 34 03 00N, 118 15 00W

ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = 153.4 CM/SEC/SEC AT 7.68 SEC VELO = -38.6 CM/SEC AT 15.90 SEC DISP = 20.7 CM AT 8.66 SEC

INITIAL VELO = 0.48218 CM/SEC INITIAL DISP = 0.00128 CM

3659 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

-20	29	55	75	94	111	127	135	121	77	25	7	41	64	68	63	61	54	42	30
22	14	-2	-9	7	33	57	73	63	40	15	-17	-66	-116	-134	-113	-66	-4	52	78
61	29	0	-23	-39	-50	-32	8	46	71	72	57	23	-19	-78	-123	-120	-87	-35	40
83	82	63	20	-27	-75	-108	-121	-56	-50	4	42	58	53	43	47	67	83	86	58
36	15	-7	-37	-67	-69	-41	-15	13	44	69	84	84	69	35	-19	-107	-252	-402	-496
-535	-527	-470	-400	-336	-265	-191	-121	-64	-20	17	56	96	129	179	216	193	137	129	222
346	414	387	335	249	160	134	121	90	44	11	-1	7	21	13	-35	-106	-184	-259	-310
-319	-296	-299	-337	-390	-440	-449	-369	-244	-150	-94	-41	-28	-54	-103	-157	-221	-287	-330	-334
-298	-233	-148	-66	-24	-19	-27	-33	-14	33	120	210	260	295	340	398	462	511	526	513
483	442	391	363	341	297	195	38	-91	-117	-135	-142	-96	46	252	433	458	378	246	86
-104	-252	-334	-386	-454	-534	-603	-676	-609	-553	-492	-404	-243	-35	122	216	208	99	-69	-226
-370	-482	-564	-627	-645	-603	-519	-417	-341	-319	-333	-350	-372	-391	-370	-281	-187	-109	-38	38
145	391	739	1015	1013	774	545	566	662	716	760	763	679	490	311	267	336	463	551	563
536	487	417	300	132	-66	-234	-307	-319	-261	-107	27	52	-34	-183	-338	-436	-462	-427	-357
-283	-241	-229	-253	-289	-310	-312	-274	-196	-89	42	180	322	461	563	616	553	307	1	-272
-456	-456	-274	-68	30	69	63	39	31	21	18	37	89	194	386	517	522	465	332	168
-23	-158	-209	-163	-14	215	405	510	521	442	322	207	112	44	22	13	9	13	36	36
127	268	407	483	481	447	416	403	406	399	355	241	99	16	-9	-7	22	49	71	77
94	160	234	283	307	294	230	122	-50	-294	-604	-925	-1119	-1148	-989	-711	-406	-193	-163	-112
118	538	1037	1474	1534	1263	887	600	458	471	461	332	143	6	-95	-141	-97	68	262	367
373	333	253	132	-47	-229	-387	-569	-696	-729	-762	-822	-881	-944	-973	-943	-858	-722	-554	-377
-233	-181	-198	-241	-283	-329	-371	-390	-388	-372	-357	-343	-325	-294	-245	-170	-77	17	88	103
41	-74	-174	-231	-253	-236	-223	-215	-211	-210	-221	-251	-307	-371	-406	-424	-410	-363	-329	-293
-273	-301	-335	-367	-393	-410	-408	-386	-365	-355	-374	-425	-497	-570	-616	-644	-647	-637	-616	-592
-562	-524	-473	-403	-321	-221	-108	-7	56	104	120	117	85	55	42	50	65	94	128	170
210	251	282	277	251	220	185	161	142	126	116	116	128	147	191	250	318	399	474	542
593	627	646	651	658	659	649	627	615	608	622	652	695	746	792	835	873	903	928	944
933	893	823	735	644	559	487	418	366	335	318	321	332	345	353	350	339	309	267	214
164	124	90	64	54	51	43	32	2	-34	-54	-64	-61	-35	-1	44	77	97	113	118
100	54	-7	-79	-144	-191	-225	-257	-291	-322	-348	-365	-345	-285	-218	-153	-103	-63	-32	-17
-28	-85	-166	-267	-400	-536	-662	-755	-794	-805	-792	-761	-728	-696	-677	-672	-665	-644	-613	-574
-537	-534	-590	-645	-689	-723	-742	-743	-729	-705	-671	-645	-634	-618	-588	-543	-461	-347	-250	-164
-89	-35	7	30	35	25	14	2	-9	-18	-23	-12	21	57	110	178	273	361	412	429
421	388	360	345	351	363	377	394	391	382	392	408	427	451	467	469	473	480	490	498
500	489	471	455	443	434	431	443	463	485	512	538	564	588	614	638	654	657	646	592
522	467	419	390	376	354	313	277	260	265	272	278	284	288	289	284	284	274	262	245
222	197	175	153	131	107	82	52	7	-40	-70	-90	-89	-73	-61	-53	-58	-96	-151	-214
-286	-359	-423	-468	-500	-525	-549	-570	-597	-650	-741	-827	-900	-948	-954	-936	-914	-890	-885	-889
-890	-888	-885	-879	-870	-856	-837	-816	-791	-771	-759	-753	-758	-763	-750	-713	-667	-622	-578	-533
-492	-453	-412	-366	-318	-276	-244	-223	-219	-220	-217	-209	-178	-127	-71	-12	42	97	153	212

261	286	285	276	265	269	285	302	316	324	328	341	358	379	419	467	503	540	585	629
656	673	676	651	621	557	582	578	593	617	656	703	745	784	821	858	890	908	919	929
920	899	874	827	827	820	816	802	770	731	700	670	645	621	597	573	544	511	475	424
365	315	271	230	195	162	130	102	76	49	15	-25	-66	-108	-144	-165	-172	-180	-193	-210
-233	-269	-308	-350	-399	-451	-494	-526	-552	-565	-572	-571	-566	-559	-548	-531	-513	-501	-494	-511
-544	-583	-628	-668	-701	-726	-737	-732	-716	-696	-667	-652	-649	-648	-647	-648	-648	-645	-636	-628
-622	-620	-618	-617	-618	-620	-624	-624	-619	-603	-573	-540	-501	-462	-431	-403	-380	-365	-353	-347
-342	-338	-318	-282	-247	-217	-188	-158	-125	-88	-50	-13	20	49	79	112	153	194	232	265
297	329	358	384	410	436	458	478	498	518	536	549	560	574	594	617	641	668	693	716
734	745	757	773	791	809	827	827	759	767	736	706	682	663	651	643	634	624	600	571
543	518	496	477	457	437	418	395	380	360	338	315	293	270	247	224	201	182	172	167
158	144	124	91	55	25	-2	-17	-28	-46	-73	-103	-137	-171	-202	-232	-260	-280	-284	-284
-286	-290	-301	-326	-359	-406	-457	-504	-548	-581	-602	-614	-615	-602	-586	-566	-545	-532	-529	-527
-526	-527	-530	-536	-546	-562	-587	-623	-653	-673	-664	-620	-568	-518	-484	-455	-431	-416	-423	-435
-441	-444	-445	-440	-422	-398	-375	-349	-324	-298	-273	-251	-234	-216	-197	-177	-159	-146	-138	-132
-126	-118	-105	-81	-55	-28	-1	22	45	68	92	117	141	162	168	168	176	194	227	278
321	355	384	402	417	436	455	482	518	551	577	600	617	625	606	581	566	554	546	541
534	527	524	525	534	551	565	573	575	561	538	517	495	476	465	460	453	449	444	436
419	395	371	345	319	301	288	274	260	246	230	210	186	166	148	124	93	69	53	48
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-346	-343	-344	-351	-359	-372	-388	-403	-421	-445	-473	-490	-496	-496	-492	-490	-487	-485	-486	-492
-504	-519	-529	-536	-540	-532	-508	-481	-455	-438	-438	-438	-438	-437	-433	-429	-424	-417	-407	-397
-385	-369	-352	-333	-305	-273	-241	-211	-183	-155	-139	-139	-140	-140	-140	-134	-110	-79	-55	-36
-17	2	19	36	53	66	79	92	112	137	160	182	203	224	244	263	279	288	293	300
306	311	312	312	309	303	296	289	282	282	288	294	302	311	321	339	360	380	398	411
422	426	413	394	381	372	385	410	432	453	471	482	488	483	466	450	437	424	414	406
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-29	-57	-85	-115	-149	-182	-213	-239	-253	-257	-262	-271	-287	-303	-314	-314	-309	-303	-296	-289
-282	-279	-280	-287	-297	-306	-315	-320	-319	-317	-315	-312	-307	-303	-294	-280	-264	-250	-237	-229
-228	-231	-244	-258	-259	-256	-253	-248	-243	-242	-257	-279	-299	-319	-333	-340	-343	-339	-334	-328
-321	-307	-291	-275	-259	-241	-224	-209	-195	-182	-175	-173	-170	-159	-138	-117	-96	-73	-51	-31
-14	-1	9	27	57	90	123	157	188	214	236	255	267	275	279	289	312	334	347	359
367	372	375	371	364	358	353	348	343	339	335	330	324	319	314	308	303	297	293	291
292	293	296	292	280	274	274	275	281	288	292	294	289	276	264	255	248	240	234	228
222	215	208	197	182	168	156	147	137	127	117	106	93	76	57	35	8	-12	-20	-27
-35	-46	-59	-71	-83	-91	-97	-103	-112	-132	-159	-185	-204	-218	-235	-253	-271	-289	-308	-323
-330	-337	-347	-353	-350	-343	-338	-336	-334	-332	-331	-332	-332	-332	-332	-332	-332	-331	-325	-315
-306	-298	-294	-290	-286	-282	-278	-275	-271	-268	-268	-268	-268	-269	-269	-269	-268	-262	-251	-241
-229	-214	-200	-189	-179	-169	-159	-151	-144	-140	-139	-128	-109	-90	-71	-52	-30	-3	27	52
62	60	56	51	44	38	37	43	62	91	129	175	230	285	305	299	278	248	215	192
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242	260	276	289	299	301	297	297	297	297	297	298	303	309	314	319	323	326	334	352

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-210	-208	-204	-193	-172	-152	-131	-109	-89	-74	-60	-46	-33	-19	-5	10	27	44	60	73
82	90	98	107	116	126	138	151	165	180	198	215	228	234	240	246	248	248	248	247
243	239	234	229	225	226	231	237	242	247	252	256	258	260	262	265	270	275	278	278
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92	89	86	84	79	65	48	33	18	4	-7	-10	-10	-10	-10	-10	-14	-23	-33	-45
-56	-67	-76	-84	-90	-95	-98	-103	-110	-118	-130	-143	-157	-170	-182	-193	-205	-218	-231	-240
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-60	-55	-51	-45	-38	-30	-20	-5	10	25	38	49	60	72	85	100	115	128	139	148
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179	188	195	202	205	205	207	207	210	213	220	233	245	255	262	271	278	280	279	279
275	265	256	251	248	244	239	235	231	227	226	232	240	245	244	238	232	226	220	211
203	195	186	174	159	144	130	121	114	106	98	89	79	69	63	61	59	57	54	47
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151	157	163	168	174	179	184	187	189	191	193	195	198	201	203	203	203	210	222	235
251	265	275	282	289	285	273	261	249	236	225	221	224	226	227	225	221	218	214	211
207	204	200	195	185	169	155	140	126	114	102	90	78	70	63	57	51	46	41	36
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-152	-149	-141	-134	-130	-135	-141	-146	-151	-157	-161	-166	-171	-176	-180	-183	-187	-190	-192	-192
-192	-193	-197	-202	-207	-211	-215	-219	-223	-229	-238	-247	-254	-254	-251	-248	-240	-228	-215	-202
-190	-179	-168	-157	-147	-141	-135	-129	-123	-117	-110	-103	-96	-89	-82	-75	-68	-57	-44	-31
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149	151	153	155	158	160	162	164	165	162	158	154	149	145	143	145	146	148	149	151
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-106	-110	-113	-117	-120	-123	-125	-128	-136	-150	-163	-169	-169	-169	-168	-164	-158	-153	-148	-142
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-99	-95	-90	-83	-74	-65	-55	-44	-32	-20	-8	4	15	25	34	43	47	49	51	54
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77	76	73	69	66	62	59	55	50	42	34	26	19	12	6	-1	-7	-14	-22	-29

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-173	-180	-186	-187	-186	-185	-180	-174	-169	-166	-163	-160	-157	-151	-146	-141	-135	-133	-135	-139
-142	-145	-143	-140	-137	-131	-123	-115	-106	-94	-83	-81	-89	-97	-105	-111	-112	-107	-103	-98
-94	-90	-85	-81	-77	-75	-72	-70	-69	-69	-68	-68	-66	-60	-54	-48	-40	-31	-23	-16
-14	-12	-10	-8	-6	0	10	20	30	40	50	61	73	93	109	122	128	133	137	139
139	139	140	144	153	162	171	180	188	196	203	209	213	211	198	186	176	170	166	161
156	154	155	155	155	153	151	149	143	133	123	116	114	112	111	109	110	109	105	97
90	85	83	82	80	80	80	80	81	81	81	77	73	69	64	60	56	53	49	46
43	39	35	28	19	10	1	-6	-12	-18	-24	-29	-35	-39	-44	-48	-53	-58	-66	-74
-83	-91	-100	-111	-121	-131	-140	-146	-152	-158	-164	-169	-175	-179	-183	-177	-175	-173	-172	-172
-172	-171	-167	-163	-158	-155	-156	-158	-160	-161	-160	-160	-160	-158	-156	-154	-151	-146	-139	-132
-126	-122	-118	-114	-110	-107	-105	-102	-100	-97	-92	-88	-83	-78	-71	-64	-57	-50	-43	-36
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179	174	169	163	158	153	147	140	130	121	112	105	101	99	96	93	90	87	83	77
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-180	-173	-165	-157	-149	-143	-141	-138	-135	-132	-129	-123	-113	-103	-93	-82	-72	-65	-60	-55
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-184	-178	-174	-170	-167	-163	-158	-151	-143	-136	-130	-124	-119	-113	-107	-101	-95	-89	-84	-81
-81	-80	-79	-77	-72	-66	-60	-54	-48	-40	-29	-17	-5	6	13	19	25	31	37	43
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123	130	136	142	147	151	155	160	164	168	170	172	173	175	176	178	179	180	180	180
180	179	174	167	160	153	147	140	135	130	126	121	116	111	104	97	90	84	79	77
76	75	73	72	69	66	64	61	58	53	47	41	35	30	24	18	12	6	0	-6
-12	-17	-22	-27	-33	-39	-45	-50	-56	-60	-62	-63	-65	-66	-69	-76	-84	-92	-99	-100
-101	-106	-112	-118	-124	-129	-135	-141	-146	-152	-157	-163	-168	-172	-173	-173	-173	-173	-174	-174

11E080 71-093.0

SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST

EPICENTER 34 24 00N, 118 23 42W
COMP S40W 34 03 00N, 118 15 00W
ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

WATER AND POWER BUILDING, 15TH FLOOR, LOS ANGELES, CAL.

STATION NO. 139

DAMPING = 0.5760

ACCLN = 126.2 CM/SEC/SEC AT 11.92 SEC

VELD = -53.7 CM/SEC AT 14.48 SEC

DISP = 27.9 CM AT 13.64 SEC

PEAK VALS

INITIAL VELO = 0.26614 CM/SEC INITIAL DISP = 0.05807 CM

3663 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

18	-36	-64	-70	-57	-34	-19	-19	-20	-25	-34	-35	-25	-15	-5	11	38	70	90	93
70	45	13	-1	1	0	3	6	13	27	33	34	32	26	24	29	34	30	16	0
-9	-4	-7	-14	-13	-15	-18	-15	-15	-18	-16	-18	-22	-19	-15	-12	-6	6	18	23
19	23	30	33	27	5	-13	-15	-12	0	10	1	-11	1	13	13	5	-14	-36	-44
-24	-6	28	56	70	84	84	65	64	64	37	10	-23	-57	-91	-120	-130	-115	-71	-21
-11	-53	-141	-247	-308	-339	-306	-201	-92	-55	-74	-104	-123	-123	-107	-108	-118	-116	-61	49
209	423	676	787	769	743	667	572	480	408	296	210	151	92	54	26	8	-4	-14	-33
-72	-113	-132	-131	-122	-118	-142	-196	-252	-316	-392	-445	-515	-596	-648	-672	-653	-566	-419	-271
-152	-42	65	137	183	237	276	291	272	238	189	139	79	-2	-82	-114	-113	-76	4	143
328	467	513	529	520	519	509	487	447	395	315	225	127	8	-120	-272	-423	-540	-643	-707
-686	-456	-261	-154	-132	-181	-281	-351	-373	-376	-384	-395	-408	-424	-443	-470	-532	-610	-654	-682
-666	-589	-474	-320	-148	-46	3	44	79	129	178	225	307	394	461	534	554	480	360	204
81	49	73	138	197	252	320	478	682	816	980	1147	1234	1225	1073	748	465	297	181	98
10	-105	-224	-290	-320	-319	-258	-161	-55	50	92	85	21	-76	-190	-344	-540	-643	-618	-509
-334	-204	-99	6	94	195	366	469	464	464	349	181	-28	-193	-227	-170	-100	-92	-113	-140
-142	-149	-197	-257	-350	-470	-586	-612	-555	-416	-297	-269	-311	-415	-482	-445	-378	-294	-204	-121
-51	37	163	290	417	539	612	609	515	391	251	81	-55	-107	-167	-224	-251	-244	-186	-111
-3	117	219	263	285	292	238	150	31	-107	-201	-266	-311	-288	-230	-172	-127	-102	-83	-81
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155	177	180	164	115	30	-65	-95	-91	-88	-88	-95	-139	-135	-174	-204	-216	-210	-186	-162
-156	-165	-187	-238	-314	-383	-450	-507	-547	-550	-525	-503	-500	-510	-531	-565	-606	-646	-663	-662
-649	-625	-612	-603	-603	-539	-591	-582	-571	-551	-521	-501	-484	-466	-470	-497	-531	-543	-554	-556
-495	-400	-324	-278	-254	-251	-249	-244	-237	-228	-213	-203	-194	-186	-175	-161	-147	-131	-118	-115
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639	590	533	483	458	447	426	406	408	432	460	487	494	477	435	353	260	179	96	35
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-753	-730	-705	-680	-660	-645	-626	-596	-556	-504	-442	-375	-314	-266	-223	-189	-153	-107	-66	-55
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-816	-785	-756	-726	-700	-677	-655	-630	-596	-552	-509	-472	-446	-421	-395	-366	-339	-327	-328	-325
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11E080 71.093.0

SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST

EPICENTER 34 24 00N, 118 23 42W
COMP DOWN 34 03 00N, 118 15 00W
ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

WATER AND POWER BUILDING, 15TH FLOOR, LOS ANGELES, CAL.
DAMPING = 0.5525

STATION NO. 139
INSTR PERIOD = 0.0530 SEC

PEAK VALS

ACLN = 157.8 CM/SEC/SEC AT 6.58 SEC VELO = 14.0 CM/SEC AT 8.08 SEC DISP = -5.5 CM AT 6.82 SEC

INITIAL VELO = 2.94589 CM/SEC INITIAL DISP = 0.04164 CM

3668 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

759	-90	-464	-402	-327	-271	43	497	738	671	266	-219	-448	-454	-483	-536	-545	-411	-199	19
291	639	814	566	58	-352	-436	-269	-128	-118	0	285	266	27	-266	-441	-478	-576	-668	-514
114	709	861	710	432	88	-248	-398	-380	-270	-155	18	340	635	704	434	34	-350	-570	-573
-510	-509	-455	-91	326	494	463	286	-4	-360	-598	-542	-294	-58	27	47	100	257	409	317
-98	-516	-663	-461	-81	248	437	500	426	167	-241	-522	-401	30	319	363	318	216	86	12
67	129	163	224	289	208	-78	-318	-311	-222	-128	60	311	378	245	53	-92	-178	-241	-283
-247	-2	212	194	35	-108	-279	-540	-371	88	510	824	917	862	590	-1	-677	-1004	-1050	-904
-639	-232	296	806	929	591	279	105	-1	-38	-221	-551	-656	-283	406	823	842	649	272	-247
-736	-858	-697	-324	235	607	684	586	308	-45	-405	-696	-699	-338	292	854	1145	1119	845	256
-403	-702	-769	-755	-599	-295	-61	-88	-137	-75	233	626	610	267	-68	-352	-547	-662	-697	-830
-347	180	574	750	824	730	445	16	-463	-726	-653	-475	-323	-270	-192	14	143	278	752	1096
986	596	-45	-746	-1062	-1029	-634	-197	241	628	779	746	551	127	-253	-612	-1001	-1041	-679	-271
408	1143	1291	986	419	-358	-889	-885	-613	-266	-1	196	433	612	569	272	-154	-540	-602	-465
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425	554	463	422	347	179	63	-158	-459	-627	-631	-452	66	563	652	566	361	50	-157	-211
-389	-586	-767	-841	-531	148	659	817	788	649	468	174	-218	-512	-598	-466	-205	114	314	323
193	-76	-504	-904	-1185	-1241	-629	398	1199	1578	1485	1101	641	171	-327	-751	-811	-458	175	791
1250	1300	1235	959	421	-117	-422	-470	-306	-152	-153	-280	-298	-140	172	461	624	543	237	-262
-709	-927	-852	-543	-193	222	660	1055	1288	1294	1032	503	-37	-542	-843	-872	-782	-492	-87	241
375	371	274	10	-206	-382	-448	-266	2	240	313	149	3	-177	-392	-303	114	574	773	852
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ITE081 71.062.0
STATION NO. 284

SAN FERNANDOC EARTHQUAKE
SANTA FELICIA DAM, CAL., OUTLET WORKS

FEB 9, 1971 - 0600 PST
ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

EPICENTER 34 24 00N, 118 23 42W
COMP S08E 34 27 41N, 118 45 02W

PEAK VALS

ACLN = 213.0 CM/SEC/SEC AT 0.20 SEC

VELO = 9.9 CM/SEC AT 26.90 SEC

DISP = 7.0 CM AT 28.08 SEC

INITIAL VELO = 3.88130 CM/SEC INITIAL DISP = 0.13810 CM

2524 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

-877	-1104	-227	1151	1139	62	-1094	-1666	-1027	908	2130	1527	228	-1195	-1320	-16	791	432	-397	-759
90	995	592	-505	-1241	-248	1470	1089	-443	-1583	-1044	579	912	-92	-972	-986	345	130	-13	56
-61	453	683	183	-647	-1250	-847	262	602	-166	-971	-1117	915	735	660	348	360	620	750	293
-288	-368	277	784	381	-266	-484	-70	339	172	-308	-758	-691	-100	315	405	324	74	-409	-555
-138	304	228	-164	-546	-497	43	514	535	190	-388	-744	-415	266	449	296	49	-52	73	61
-224	-343	-89	242	156	-176	-109	406	661	458	229	297	378	43	-348	-234	235	425	179	-222
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32	30	26	35	31	12	-5	-6	6	24	26	17	14	20	34	54	72	66	65	75
65	49	35	29	27	22	25	32	28	26	25	21	17	19	32	30	18	11	-2	-11
-20	-27	-24	-33	-40	-39	-36	-36	-25	-7	-19	-45	-42	-13	22	15	-7	5	8	-6
-6	1	-1	-10	-6	8	7	-5	-5	11	25	34	41	52	58	57	55	52	42	27
8	2	15	30	24	0	-14	-10	-10	-17	-14	-12	-5	14	27	10	-31	-55	-41	-8

II081 71.062.0
STATION NO. 284

SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
SANTA FELICIA DAM, CAL., OUILET WORKS

EPICENTER 34 24 00N, 118 23 42W
COMP S82W 34 27 41N, 118 45 02W
ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

INSTR PERIOD = 0.3553 SEC DAMPING = 0.5769

PEAK VALS ACIN = 198.3 CM/SEC/SEC AT 0.40 SEC VELO = 6.2 CM/SEC AT 16.46 SEC DISP = -4.6 CM AT 3.72 SEC

INITIAL VELO = 0.53369 CM/SEC INITIAL DISP = 1.43814 CM

2527 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

-347	-772	-334	899	1280	319	-871	-1509	-523	1382	1412	70	-858	-753	535	831	-202	-1263	-1087	751
1983	1186	-387	-1311	-1015	350	946	96	-878	-1268	-713	154	327	-133	-410	-46	715	861	165	-563
-560	611	1315	495	-527	-718	315	1068	626	-87	-309	80	234	-308	-974	-1108	-431	526	669	-172
-1203	-1352	-287	1121	1255	6	-1106	-1380	-395	852	817	-11	-579	-583	20	417	172	-158	25	547
751	384	-153	-518	-503	-115	306	177	-223	-422	-143	458	703	250	-496	-936	-680	438	1291	1099
146	-646	-766	-305	223	320	179	91	33	73	152	136	-32	-146	-50	146	194	-21	-236	-274
-177	-184	-368	-482	-298	41	214	116	-95	-281	-210	220	557	393	-29	-327	-198	232	381	260
274	466	411	102	-208	-453	-440	-297	-199	-113	-28	59	80	46	99	250	343	196	-57	-202
-69	179	80	-235	-376	-310	-134	-15	-97	-178	-4	126	-14	-233	-96	314	631	498	43	-333
-446	-170	155	410	427	364	357	349	203	-2	-99	15	166	160	93	72	28	-69	-142	-109
18	137	177	28	-170	-238	-153	-71	-56	-70	-21	73	72	-57	-164	-136	-20	15	-111	-257
-161	146	354	247	1	-144	-71	121	265	383	345	183	21	-106	-104	-17	59	134	154	86
23	37	81	50	-34	-104	-161	-185	-125	-60	-91	-161	-169	-67	18	-79	-236	-148	177	253
-27	-269	-216	79	219	65	-119	-42	171	210	57	-94	-158	21	297	416	210	-128	-415	-438
-50	221	58	-217	-247	-100	-15	27	35	-21	-45	31	153	214	112	-50	-54	94	192	162
109	121	144	77	-68	-156	-64	119	181	24	-207	-298	-183	6	221	273	-55	-345	-198	242
485	214	-170	-296	-113	148	219	64	-139	-310	-287	-75	81	-28	-268	-248	-2	194	152	-98
-282	-242	-34	102	67	-55	-52	70	182	184	107	87	188	290	253	126	31	22	55	62
66	87	97	25	-49	-40	-30	-74	-60	77	158	26	-172	-279	-237	-197	-240	-190	0	172
178	-7	-167	-154	41	167	61	-160	-218	30	340	338	79	-145	-167	-7	77	28	-36	-15
39	26	-64	-101	-23	50	-31	-149	-151	-85	-90	-172	-238	-225	-153	-84	-20	38	95	118
16	-141	-170	0	196	177	-112	-347	-248	76	253	73	-245	-332	-133	100	131	-41	-190	-173
-4	153	225	169	110	96	106	53	-38	-81	-5	113	212	214	84	-46	-139	-94	-11	-59
-91	66	262	249	15	-162	-79	173	229	8	-250	-323	-167	-27	0	80	207	179	-79	-342
-385	-99	153	50	-197	-262	-43	257	368	235	-18	-182	-132	21	-5	-150	-219	-102	45	72
-31	-113	-80	65	193	197	36	-96	-55	154	331	335	149	0	-44	-76	-162	-151	-47	1
-86	-133	-9	101	-20	-228	-285	-48	224	182	-39	-100	51	175	183	177	179	145	97	52
11	9	42	71	42	-39	-37	108	258	255	58	-130	-179	-3	187	191	-56	-273	-255	-9
212	262	43	-170	-207	-57	78	133	60	-20	-66	-20	33	3	-80	-126	-102	-88	-136	-179
-226	-251	-183	-31	38	-35	-131	-151	-128	-140	-156	-124	-81	-65	-77	-37	98	252	352	291
156	47	6	72	122	145	178	223	234	171	87	76	146	147	16	-122	-143	-10	105	78
-58	-135	-161	-169	-150	-128	-132	-203	-297	-323	-211	-60	-4	-48	-74	-76	-126	-215	-282	-256
-148	-52	31	54	2	-49	-60	9	96	114	57	31	75	106	28	-94	-179	-150	-47	-46
-164	-256	-223	-106	-47	-63	-34	72	161	185	135	118	138	151	126	123	184	182	54	-53
-46	89	200	185	30	-110	-141	-27	81	113	18	-25	66	160	134	14	-53	27	160	167
15	-73	16	126	149	46	-59	-69	-12	-9	-46	-26	43	56	-18	-84	-62	-15	-54	-129
-141	-75	-8	13	-15	-36	-51	-80	-129	-155	-126	-104	-147	-136	-136	-79	-50	-37	25	132
164	72	-17	-1	102	192	220	172	135	139	173	199	190	131	88	106	166	186	144	89
51	11	-27	-67	-96	-91	-64	-43	-49	-100	-159	-211	-210	-135	-55	5	-3	-57	-100	-108
-61	-18	-6	-17	-25	-34	-30	-2	33	48	21	-8	17	70	69	10	-33	0	92	164

185	179	178	155	108	71	88	137	158	186	246	287	265	212	185	182	181	155	106	61
49	70	71	29	-31	-85	-124	-116	-96	-103	-143	-184	-204	-165	-106	-97	-146	-195	-195	-145
-120	-133	-116	-54	-9	-17	-51	-61	-25	31	40	11	-7	18	49	34	-7	-28	2	39
11	-59	-75	10	109	130	71	28	40	68	60	21	-9	-19	-25	-31	-36	-40	-45	-49
-53	-57	-62	-80	-125	-174	-191	-149	-95	-85	-151	-217	-204	-154	-122	-116	-113	-85	-46	-23
-32	-51	-65	-56	-6	38	31	-11	-39	-24	23	54	53	37	35	59	97	129	136	98
53	19	21	38	24	-1	-14	-17	-9	22	59	81	49	-23	-56	-11	57	82	57	48
78	94	62	14	-22	-33	-30	-31	-30	-30	-29	-29	-28	-28	-29	-31	-33	-35	-37	-31
1	43	54	2	-67	-82	-33	6	-17	-77	-104	-30	91	124	47	-41	-75	-11	66	70
51	62	77	72	53	50	57	47	16	-4	10	53	79	56	-5	-52	-47	13	62	62
9	-33	-33	2	23	9	-13	11	49	41	-12	-51	-41	10	37	22	-7	-14	14	51
59	32	5	13	63	93	78	65	83	87	67	59	72	75	63	61	92	127	118	81
70	92	86	30	-12	12	60	70	42	15	4	4	5	0	-22	-54	-72	-57	-33	-31
-64	-103	-106	-79	-81	-104	-95	-53	-41	-45	-19	41	77	54	25	29	43	55	62	48
19	-6	-16	-10	-11	-22	-34	-42	-44	-43	-44	-46	-49	-52	-55	-61	-69	-76	-80	-82
-80	-61	-26	1	-7	-38	-37	-2	12	-22	-56	-30	20	27	-9	-24	-8	-9	-31	-33
-5	12	-3	-13	7	39	48	29	26	59	99	111	87	66	67	71	65	57	51	48
50	58	73	76	51	16	-9	-15	-13	-13	-13	-13	-13	-14	-22	-38	-51	-47	-28	-13
-13	-25	-37	-47	-49	-45	-42	-39	-35	-32	-31	-33	-30	-19	-11	-38	-51	-47	-28	-13
-10	-19	-30	-28	-5	21	44	48	31	13	2	11	32	35	27	25	-35	-41	-30	-15
70	70	68	63	53	42	32	22	12	6	5	3	2	1	-2	-10	-23	-37	-51	-66
-80	-93	-87	-59	-31	-18	-44	-83	-106	-89	-54	-34	-49	-74	-70	-59	-50	-44	-44	-44
-44	-44	-44	-44	-42	-40	-39	-36	-35	-33	-31	-29	-27	-26	-24	-23	-23	-23	-24	-33
-51	-70	-83	-84	-80	-78	-76	-73	-67	-60	-54	-47	-40	-34	-28	-22	-16	-10	-4	0
2	5	8	11	14	17	21	25	29	33	37	40	40	38	36	34	32	30	27	25
23	21	19	17	18	19	19	20	20	22	26	30	35	39	43	46	50	53	57	59
59	60	63	60	61	65	73	80	81	68	53	47	57	73	88	100	100	92	86	79
73	65	56	46	36	28	22	17	12	7	2	-1	-5	-8	-12	-15	-19	-22	-26	-31
-35	-40	-44	-49	-56	-64	-71	-78	-85	-91	-88	-82	-76	-70	-65	-58	-47	-34	-22	-10
2	8	13	18	22	27	31	33	32	31	31	30	29	29	27	23	17	11	5	0
-6	-10	-13	-17	-20	-24	-27	-31	-36	-40	-45	-49	-39	-18	-20	-41	-58	-62	-57	-52
-47	-43	-38	-34	-30	-26	-22	-18	-13	-6	5	15	26	36	47	56	62	65	69	73
76	80	84	88	90	90	89	89	88	87	85	80	75	71	66	61	59	57	56	54
52	50	48	45	41	38	34	29	20	11	3	-6	-15	-23	-30	-38	-46	-53	-59	-63
-68	-72	-76	-87	-105	-97	-82	-89	-114	-140	-144	-129	-112	-116	-136	-144	-136	-128	-126	-124
-114	-95	-78	-82	-96	-106	-101	-83	-72	-68	-71	-77	-74	-64	-59	-50	-38	-31	-23	-10
0	-3	3	15	24	23	16	12	12	13	15	14	11	10	13	18	26	40	32	2
-8	1	27	41	26	21	38	67	79	61	37	19	29	50	68	62	51	61	72	67
61	71	85	77	65	73	91	110	93	64	64	77	92	98	86	74	85	99	89	80
90	106	100	68	49	60	75	74	53	40	46	42	38	47	57	55	38	21	12	2
-7	3	16	18	12	20	20	8	-6	-16	-21	-17	-16	-27	-43	-44	-34	-33	-43	-51
-51	-48	-40	-30	-39	-63	-74	-57	-42	-49	-64	-74	-71	-73	-75	-69	-66	-67	-68	-69
-71	-66	-55	-57	-60	-51	-40	-37	-44	-58	-59	-49	-43	-46	-47	-37	-22	-19	-29	-37
-35	-23	-5	4	-2	-8	0	15	26	30	37	33	15	8	17	30	50	60	48	37
43	46	42	40	49	56	53	42	33	36	41	39	37	49	64	68	65	68	75	65
58	71	88	82	59	62	80	80	68	47	26	19	25	15	1	-4	4	19	23	13
7	17	32	22	4	13	30	20	-10	-27	-17	-2	-10	-43	-57	-26	18	21	-13	-16
0	2	-20	-46	-48	-31	-27	-48	-65	-63	-17	-16	-6	-36	-51	-26	-17	-25	-38	-31
-20	-22	-24	-8	-1	-34	-84	-82	-50	-57	-79	-56	-17	-31	-83	-66	15	21	-60	-92
-61	-25	-17	-32	-40	-37	-58	-88	-89	-63	-29	-35	-73	-91	-77	-44	-25	-29	-24	3

II081 71.062.0
STATION NO. 284
INSTR PERIOD = 0.0550 SEC DAMPING = 0.5764

SAN FERNANDO EARTHQUAKE
SANTA FELICIA DAM, CAL., OUTLET WORKS
ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

FEB 9, 1971 - 0600 PST

EPICENTER 34 24 00N, 118 23 42W
COMP DOWN 34 27 41N, 118 45 02W

PEAK VALS ACCLN = -63.7 CM/SEC/SEC AT 0.24 SEC VELO = -4.6 CM/SEC AT 2.98 SEC DISP = 2.8 CM AT 9.92 SEC

INITIAL VELC = 0.25746 CM/SEC INITIAL DISP = 0.71523 CM

2527 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

32	-34	6	19	-12	-72	-102	108	548	556	2	-401	-637	-292	353	137	-258	-272	-228	137
193	-358	-537	-231	205	359	-184	-519	-183	215	383	119	-161	-1	131	186	164	-119	-157	141
458	518	50	-207	145	567	519	98	-286	-410	-254	-110	-196	-287	-153	-95	52	244	100	0
196	314	374	243	-148	-323	-248	-201	-100	-33	-146	-174	-72	39	123	147	34	-137	-152	-2
-22	-177	-285	-284	-195	-53	-79	-185	-172	-92	67	240	78	-242	-245	16	261	436	228	-157
-215	31	144	50	-80	-3	124	69	-17	57	176	178	42	-54	48	240	206	111	155	212
148	13	-62	-72	-101	-140	-185	-268	-336	-271	-131	-18	-23	-94	-44	94	213	187	39	-14
-21	-79	-200	-287	-299	-295	-259	-162	-84	7	148	217	173	132	87	46	36	75	123	197
237	162	146	267	358	338	215	121	124	239	238	151	43	56	131	161	51	-82	-35	49
-5	-100	-203	-293	-274	-166	-102	-106	-116	-105	-119	-167	-165	-66	27	33	0	-34	-84	-80
-44	-85	-152	-130	-76	-19	38	32	32	131	183	129	103	124	120	72	-8	-100	-94	36
149	109	-26	-92	-65	-30	-47	-38	-30	-69	-154	-242	-198	-52	40	57	129	253	254	129
41	46	62	-6	-77	-126	-140	-92	-43	-58	-110	-80	56	148	91	-31	-90	-25	56	10
-47	-19	51	66	21	27	77	60	29	42	52	1	-30	55	171	168	54	15	25	18
-40	-90	-69	-13	41	100	116	79	65	86	98	108	137	154	109	115	161	130	56	-18
-70	-60	-48	-88	-140	-135	-112	-166	-234	-181	-72	-30	-55	-92	-106	-155	-217	-186	-79	6
5	-57	-48	-10	22	40	12	-46	-97	-97	3	134	219	223	232	241	232	221	211	159
37	-31	26	81	50	-4	7	43	54	34	0	-3	28	59	47	-14	-38	-40	-55	-82
-107	-105	-74	-18	66	103	59	-6	-85	-149	-188	-166	-114	-76	-94	-149	-144	-111	-54	15
57	53	34	11	-18	-56	-87	-68	-15	41	81	49	-2	-21	4	51	93	123	132	137
130	96	69	121	175	170	139	85	22	-37	-81	-97	-107	-118	-113	-88	-63	-42	-18	-1
-16	-38	-59	-71	-74	-104	-148	-125	-66	-85	-163	-184	-125	-90	-92	-118	-172	-168	-103	-33
15	-6	-16	21	24	-4	-27	-10	52	102	133	135	124	116	98	67	60	76	65	55
101	165	180	117	46	39	75	107	96	83	123	172	200	136	11	-80	-93	-110	-149	-144
-82	10	31	-34	-79	-53	22	51	-25	-154	-188	-126	-61	-53	-113	-138	-101	-69	-55	-64
-72	-61	-55	-66	-80	-92	-101	-102	-76	-22	12	-20	-62	-31	33	82	71	23	-23	-75
-106	-80	-27	3	-11	-42	-30	12	19	-15	-11	35	47	8	-35	-71	-90	-80	-79	-87
-86	-81	-74	-61	-37	6	50	64	18	-66	-135	-110	-7	81	83	40	9	-2	63	128
103	62	91	127	140	148	146	142	140	148	203	265	231	147	76	30	14	-6	-24	-32
-31	-35	-50	-77	-107	-130	-135	-135	-141	-143	-134	-120	-101	-83	-76	-60	-20	-19	-93	-137
-105	-43	28	71	71	89	120	129	104	71	30	17	48	65	76	118	166	185	152	94
52	48	65	58	49	48	51	46	37	34	46	57	58	53	43	27	1	-38	-87	-126
-143	-108	-83	-74	-74	-83	-80	-61	-58	-73	-70	-46	-27	-30	-31	-9	10	14	13	20
56	109	149	171	162	142	126	112	98	86	74	65	61	41	10	16	50	62	48	37
42	59	47	-11	-48	-14	22	24	18	-14	-44	-37	-5	3	-12	-10	17	47	44	1
-27	-12	14	3	-38	-54	-19	26	45	18	-24	-52	-55	-47	-42	-37	-39	-48	-56	-59
-59	-50	-19	8	-4	-33	-51	-65	-75	-71	-61	-64	-82	-85	-61	-43	-46	-55	-63	-72
-78	-80	-79	-77	-70	-61	-55	-54	-54	-55	-56	-58	-59	-61	-61	-60	-59	-62	-67	-70
-70	-68	-58	-44	-23	4	20	21	20	21	19	15	12	7	-2	-10	-11	-62	-17	32
44	47	46	46	46	46	46	45	27	-10	-28	-14	5	16	18	17	17	17	17	17

3	13	10	-7	-18	-12	6	20	17	-4	-15	-4	5	-8	-19	-9	4	-5	-11	-6
6	10	-4	-15	-14	-17	-22	-30	-34	-28	-20	-25	-37	-38	-29	-26	-36	-45	-46	-39
-41	-41	-32	-31	-43	-58	-62	-56	-44	-47	-58	-65	-69	-78	-86	-83	-75	-69	-69	-61
-53	-51	-51	-58	-69	-71	-64	-54	-50	-45	-32	-22	-28	-36	-35	-27	-17	-16	-10	2
14	30	39	40	39	31	24	27	33	35	39	41	35	31	35	45	51	47	32	17
11	19	30	32	26	21	20	26	35	40	36	31	33	35	27	21	26	36	34	20
14	26	32	25	16	18	27	33	29	23	21	29	34	32	28	29	33	33	27	20
21	25	23	18	11	4	2	4	4	5	7	7	7	13	15	7	-3	-3	-6	-13
-21	-34	-46	-46	-44	-47	-44	-35	-27	-16	-10	-13	-13	-15	-21	-26	-30	-30	-27	-20
-11	-8	-18	-25	-20	-15	-18	-26	-26	-16	-8	-15	-21	-15	-4	2	2	5	11	11
9	1	-3	6	16	12	3	0	0	8	11	12	15	22	27	29	26	17	15	21
15	5	0	1	8	13	5	-4	5	16	11	0	-4	-5	-9	-19	-24	-23	-25	-28
-31	-35	-24	-16	-27	-38	-32	-24	-20	-20	-11	-6	-3	-10	-20	-26	-19	-5	-2	-11
-16	-17	-11	-7	-9	-16	-14	-4	-3	-13	-16	-12	-9	-8	-9	-10	-14	-20	-21	-15
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20	23	25	26	26	25	27	-4	-4	-6	-7	-1	-1	6	12	12	6	6	9	15

11E082 71.663.0
STATION NO. 285

SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
SANTA FELICIA DAM, CAL., CREST

EPICENTER 34 24 00N, 118 23 42W
COMP S15E 34 27 35N, 118 45 01W
ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

INSTR PERIOD = 0.0550 SEC DAMPING = 0.5754

PEAK VALS ACCLN = -203.3 CM/SEC/SEC AT 5.20 SEC VELO = 22.2 CM/SEC AT 5.04 SEC DISP = -7.1 CM AT 29.98 SEC

INITIAL VELO = 1.83398 CM/SEC INITIAL DISP = 0.71239 CM

2658 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

138	-87	-284	-327	-319	-265	-27	227	289	100	-213	-376	-333	-102	153	266	211	40	-152	-265
-294	-194	63	324	417	333	187	78	47	1	-96	-171	-139	-2	74	20	-87	-188	-259	-278
-227	-114	95	304	350	215	2	-124	-127	-53	45	93	105	113	77	18	-34	-78	-81	-61
-22	51	98	52	-65	-173	-195	-90	69	169	160	93	-3	-111	-174	-216	-246	-234	-155	-43
39	60	38	-1	-45	-102	-161	-217	-251	-206	-102	26	198	349	391	386	338	241	226	278
299	223	1	-207	-226	-84	30	-47	-298	-593	-764	-752	-510	101	200	228	185	241	322	348
324	310	316	311	163	-213	-640	-864	-877	-784	-634	-367	3	306	502	729	958	1046	1000	890
774	689	660	708	705	504	109	-348	-755	-970	-972	-861	-805	-944	-1135	-1184	-1062	-767	-384	-115
41	135	144	304	535	695	729	686	652	656	657	627	559	446	316	164	-52	-231	-258	-125
91	159	92	97	158	202	108	-176	-438	-532	-488	-358	-294	-387	-556	-646	-552	-303	-26	214
364	401	369	362	423	528	636	679	683	636	497	227	-82	-343	-537	-641	-524	-305	-260	-499
-684	-693	-614	-527	-500	-641	-849	-870	-653	-431	-254	-181	-151	-82	114	410	715	871	890	890
964	1055	1129	1167	1218	1335	1500	1590	1459	1161	721	299	-45	-391	-726	-1053	-1341	-1578	-1793	-1951
-2033	-1965	-1776	-1516	-1273	-1042	-749	-331	176	491	608	605	559	605	763	1016	1248	1355	1335	1175
1002	964	1047	1112	1051	879	635	299	-65	-302	-360	-362	-480	-767	-1101	-1320	-1373	-1276	-1100	-916
-824	-799	-706	-575	-450	-311	-121	144	476	785	875	813	667	505	383	334	371	444	453	360
201	99	133	282	426	438	318	100	-125	-283	-388	-469	-541	-588	-629	-634	-572	-465	-318	-167
-53	-6	21	55	114	217	297	296	217	145	133	181	224	246	239	264	365	467	513	477
357	203	63	-41	-119	-185	-239	-274	-355	-524	-698	-777	-668	-455	-229	-113	-70	82	321	540
646	715	715	662	589	479	296	131	45	-54	-226	-478	-699	-837	-909	-897	-847	-825	-791	-689
-489	-277	-200	-225	-253	-219	-72	177	379	460	514	538	504	450	379	296	213	191	287	460
632	708	724	707	652	583	505	427	311	148	-33	-238	-426	-550	-638	-714	-754	-793	-854	-922
-982	-1038	-1064	-1041	-988	-868	-666	-409	-164	64	290	475	563	580	558	516	487	476	527	642
756	806	825	801	753	681	589	467	294	104	-112	-294	-382	-403	-392	-441	-538	-615	-587	-434
-210	-9	40	-10	-75	-94	-115	-226	-367	-501	-588	-601	-560	-502	-427	-336	-246	-174	-81	61
193	278	297	286	312	393	497	567	632	622	601	540	461	418	450	542	616	619	517	336
138	-41	-151	-193	-188	-174	-193	-256	-358	-468	-548	-617	-685	-748	-804	-811	-693	-428	-173	-67
-42	-50	-19	41	111	188	258	335	423	479	504	529	556	587	632	679	696	676	656	634
587	512	440	372	324	298	273	235	151	26	-138	-321	-482	-606	-687	-728	-735	-715	-713	-760
-817	-859	-898	-910	-865	-754	-601	-460	-357	-269	-178	-89	0	84	148	199	252	304	357	409
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88	-78	-265	-418	-519	-560	-517	-438	-345	-278	-258	-236	-224	-233	-250	-251	-224	-197	-187	-174
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411	460	462	408	304	195	139	147	224	298	329	278	122	-103	-310	-440	-526	-584	-538	-424

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-258	-236	-228	-268	-345	-414	-447	-460	-448	-405	-322	-185	13	232	421	562	626	642	601	540
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15	6	-5	-16	-26	-36	-48	-62	-75	-79	-77	-71	-61	-51	-34	-11	6	18	28	36
45	52	56	54	39	22	11	-2	-10	-15	-25	-35	-45	-56	-69	-84	-97	-100	-89	-76
-68	-59	-48	-33	-15	-6	2	17	26	29	30	27	21	15	10	5	-1	-11	-18	-18
-17	-12	5	28	48	64	73	77	74	66	58	53	51	51	47	31	11	1	2	5
-1	-18	-28	-33	-42	-51	-48	-32	-13	12	29	26	5	2	22	41	53	57	53	41
30	30	38	45	47	38	20	11	16	18	16	14	11	8	10	11	11	12		

11EJ82 71.063.0
STATION NO. 285
INSTR PERIOD = 0.0560 SEC

SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
SANTA FELICIA DAM, CAL., CREST
ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.
DAMPING = 0.5998

EPICENTER 34 24 00N, 118 23 42W
COMP S75W 34 27 15N, 118 45 01W

PEAK VALS

ACLN = 174.0 CM/SEC/SEC AT 5.12 SEC VELO = -18.1 CM/SEC AT 5.00 SEC DISP = -5.3 CM AT 18.62 SEC

INITIAL VELC = -0.05556 CM/SEC INITIAL DISP = 0.69705 CM

2651 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

-239	-185	-107	-101	-65	-22	-41	-57	-22	26	73	130	192	230	185	88	-16	-91	-107	-67
-11	37	93	136	92	-22	-53	-74	-147	-134	-62	18	91	116	84	36	-34	-82	-74	-17
37	91	128	92	-10	-94	-74	25	86	88	131	197	175	15	-156	-211	-180	-86	-36	-36
3	56	85	19	-27	68	177	153	152	181	97	-108	-372	-492	-440	-357	-240	-64	148	242
155	-27	-184	-218	-113	3	82	197	307	383	439	422	283	42	-132	-134	-119	-88	1	124
269	397	434	296	-10	-354	-580	-565	-417	-273	-174	-102	-41	-53	-172	-329	-462	-531	-516	-387
-121	226	462	430	192	25	67	255	540	845	959	877	680	506	278	-107	-597	-911	-963	-774
-403	-36	51	-118	-365	-601	-679	-441	-44	200	331	611	993	1180	1184	998	655	262	-26	-59
119	196	84	-150	-414	-602	-673	-641	-471	-231	-6	80	-59	-378	-698	-911	-929	-795	-531	-154
159	276	259	193	47	-62	10	256	522	706	861	997	1067	861	343	-212	-537	-527	-344	-200
-130	-1	254	420	324	-2	-374	-677	-797	-814	-841	-882	-853	-662	-332	18	263	313	393	547
627	681	800	902	984	1089	1088	803	348	122	140	133	69	42	10	-133	-412	-753	-1044	-1294
-1388	-1362	-1304	-1244	-1265	-1303	-1183	-847	-215	-823	42	280	486	728	1070	1469	1740	1686	1388	1000
758	789	1011	1176	1024	631	164	-230	-558	-823	-1032	-1151	-1092	-830	-535	-373	-423	-631	-646	-461
-148	45	66	40	-10	-86	-180	-267	-295	-227	-69	176	384	499	619	833	1050	1162	1147	1043
853	477	-51	-444	-579	-631	-671	-727	-789	-849	-805	-688	-586	-478	-234	92	276	287	162	-36
-112	-24	128	270	304	207	18	-194	-270	-200	-85	25	111	179	265	415	536	575	573	526
437	344	306	280	274	264	179	-20	-291	-493	-588	-642	-687	-742	-744	-657	-525	-355	-192	-64
42	122	160	225	344	498	642	722	733	698	622	461	313	251	182	126	55	54	141	227
233	105	-160	-482	-702	-737	-657	-663	-651	-586	-415	-165	95	308	410	352	206	66	-31	-84
-131	-121	-67	-5	46	103	181	309	449	548	566	532	515	513	523	458	264	69	-60	-144
-206	-264	-311	-292	-233	-201	-238	-336	-433	-530	-608	-659	-648	-562	-440	-290	-116	49	162	204
229	257	289	304	283	245	200	158	146	193	261	276	266	249	197	122	36	-59	-184	-345
-477	-532	-504	-448	-396	-332	-255	-170	-72	9	32	-2	-52	-97	-129	-94	35	237	392	588
760	841	805	649	442	242	43	-95	-154	-161	-117	-78	-81	-129	-185	-236	-288	-337	-375	-403
-422	-436	-429	-366	-261	-137	-23	58	117	155	165	155	160	205	263	315	347	313	192	53
-26	-71	-122	-170	-192	-164	-117	-83	-77	-98	-128	-160	-183	-156	-77	18	114	196	237	208
137	58	32	102	187	243	266	272	272	267	246	218	226	245	223	153	29	-110	-245	-369
-451	-469	-422	-364	-307	-250	-194	-142	-119	-151	-208	-234	-179	-75	34	140	212	237	236	223
193	158	150	150	96	-28	-183	-331	-453	-525	-514	-412	-269	-115	-30	-26	-83	-170	-263	-306
-241	-113	16	105	162	215	259	300	331	325	269	191	114	37	-40	-116	-177	-199	-183	-171
-182	-211	-244	-267	-267	-197	-73	34	116	149	150	157	175	175	156	175	237	294	343	369
360	310	224	116	22	-62	-139	-193	-201	-175	-143	-123	-138	-180	-213	-243	-269	-270	-233	-161
-88	-43	4	71	149	217	257	251	208	134	62	22	10	30	68	103	116	86	22	-38
-53	-13	44	102	158	210	250	259	241	206	153	100	43	-36	-124	-170	-162	-136	-146	-222
-342	-464	-565	-596	-544	-481	-418	-354	-273	-133	31	193	387	584	676	635	552	472	400	357
353	393	430	440	420	349	241	109	-19	-149	-270	-371	-444	-469	-456	-418	-345	-259	-103	-8
19	-36	-96	-89	-10	86	180	243	277	303	321	326	287	184	61	-62	-177	-259	-280	-263
-270	-287	-265	-216	-177	-180	-216	-248	-268	-277	-286	-288	-259	-172	-42	94	199	232	216	216
257	314	359	375	345	301	272	256	239	212	182	155	143	147	157	144	82	11	-64	-150

-235	-301	-328	-309	-287	-274	-284	-313	-338	-351	-337	-310	-285	-252	-199	-135	-79	-44	-56	-92
-120	-122	-88	-40	13	64	102	122	141	157	171	176	165	156	174	202	222	240	231	163
20	-157	-315	-423	-484	-532	-517	-438	-307	-171	-53	32	106	172	211	238	253	257	263	264
265	277	307	337	358	370	355	309	247	182	123	80	44	-3	-51	-85	-92	-28	-8	
-11	-18	-15	-7	11	40	81	128	140	88	25	-24	-68	-106	-137	-163	-182	-204	-246	-301
-341	-310	-230	-148	-74	-33	-22	-41	73	-106	-134	-142	-135	-116	-137	-27	28	84	142	199
253	292	294	255	193	132	94	75	74	80	93	87	65	53	74	134	210	261	276	274
249	194	134	76	16	-36	-62	-51	-23	-4	-7	-42	-96	-173	-256	-328	-375	-359	-308	-254
-197	-146	-112	-94	-75	-56	-37	-14	24	74	122	161	186	212	238	264	291	298	264	225
198	184	184	204	227	231	225	228	241	253	239	189	123	53	-2	-34	-52	-44	-10	31
68	85	71	29	-15	-52	-73	-81	-85	-94	-110	-119	-119	-125	-149	-180	-213	-244	-254	-237
-218	-198	-175	-152	-130	-107	-80	-49	-19	11	41	78	125	174	215	239	249	232	202	162
106	43	-27	-90	-134	-157	-159	-157	-156	-154	-147	-137	-122	-100	-85	-84	-84	-78	-58	-24
20	49	60	56	44	20	-15	-50	-86	-117	-144	-170	-191	-209	-227	-242	-251	-257	-251	-232
-211	-188	-163	-122	-63	-9	29	49	60	70	91	121	140	152	164	162	143	117	84	50
17	-16	-49	-82	-114	-129	-105	-67	-35	-16	-9	-11	-24	-40	-33	8	63	118	170	213
241	246	229	203	175	151	134	129	142	153	133	74	-4	-85	-158	-211	-249	-257	-241	-217
-182	-149	-119	-102	-134	-108	-112	-112	-97	-74	-50	-25	1	21	33	36	24	2	-17	-2
32	70	102	119	118	107	103	123	156	179	197	202	186	151	105	55	17	-8	-32	-51
-67	-82	-92	-99	-103	-104	-102	-86	-55	-8	45	90	119	125	111	86	56	27	0	-17
-30	-47	-71	-97	-122	-131	-106	-59	-4	38	59	77	96	113	130	148	165	183	199	212
210	196	180	161	134	86	44	30	19	9	3	-3	-9	-15	-21	-29	-49	-76	-101	-119
-119	-107	-100	-102	-105	-107	-109	-109	-104	-93	-74	-51	-30	-13	2	15	23	19	-4	-30
-59	-84	-99	-109	-119	-126	-125	-101	-63	-30	1	20	24	15	4	-7	-13	-7	1	9
17	23	18	-10	-48	-89	-118	-119	-97	-73	-49	-31	-18	-7	1	7	11	4	-5	4
23	45	67	87	99	88	65	46	29	20	20	28	34	36	38	40	41	43	45	49
60	78	104	139	162	165	150	122	81	41	3	-32	-66	-91	-101	-108	-117	-126	-135	-144
-152	-161	-165	-159	-142	-128	-123	-123	-123	-122	-105	-71	-43	-23	-2	16	31	46	59	69
79	88	97	104	103	95	86	77	67	57	40	19	6	7	14	23	26	12	-5	-14
-18	-16	-5	-2	-10	3	47	84	109	130	145	150	144	129	108	85	66	52	40	26
12	-9	-41	-78	-110	-137	-157	-167	-176	-185	-193	-200	-205	-208	-196	-167	-125	-80	-36	3
30	37	25	12	4	1	1	0	-1	-1	7	13	-12	-25	-46	-67	-83	-92	-99	-100
-88	-74	-59	-42	-28	-16	-9	-8	-9	-10	-11	-12	-12	-13	-14	-14	-15	-19	-26	-33
-35	-16	9	21	26	22	13	9	20	36	44	45	44	41	38	35	34	35	37	35
30	25	20	14	14	25	41	55	64	67	67	67	66	62	55	44	34	29	30	40
52	62	64	65	66	69	73	78	82	88	94	101	109	117	122	125	123	116	109	102
95	90	88	89	90	93	94	84	71	57	36	11	-10	-24	-37	-50	-63	-77	-86	-86
-85	-88	-96	-103	-105	-104	-101	-91	-72	-43	-12	16	38	51	59	62	57	52	39	21
5	-5	-11	-17	-23	-28	-34	-42	-49	-52	-40	-23	-8	6	19	29	36	39	39	39
39	39	37	34	31	23	8	-6	-15	-23	-30	-34	-38	-42	-44	-44	-44	-44	-46	-47
-52	-61	-70	-78	-79	-76	-72	-68	-61	-50	-40	-27	-10	9	24	33	41	47	50	53
56	58	59	60	61	62	63	67	72	77	84	92	99	103	104	104	105	107	110	114
111	92	67	46	26	6	-14	-33	-46	-58	-66	-61	-52	-42	-31	-19	-9	-2	4	7
9	11	7	-6	-18	-29	-39	-44	-44	-46	-52	-55	-53	-55	-60	-67	-75	-90	-112	-132
-143	-140	-135	-130	-125	-123	-124	-124	-127	-131	-135	-140	-147	-153	-157	-158	-151	-134	-117	-104
-93	-84	-78	-73	-65	-49	-25	7	37	62	75	72	67	64	62	59	56	53	50	49
52	66	82	83	68	45	28	20	27	31	27	22	21	21	22	22	22	22	23	28
37	45	49	54	60	69	77	80	79	78	77	77	77	80	86	94	99	103	104	98
89	77	61	47	41	37	32	28	27	29	32	36	47	60	65	64	63	59	53	47
41	37	35	32	29	27	26	22	22	10	-23	-33	-37	-42	-48	-56	-63	-70	-74	-74

-72	-68	-62	-59	-64	-72	-79	-83	-78	-71	-65	-61	-61	-57	-47	-34	-22	-11
-7	-17	-27	-35	-41	-43	-40	-38	-38	-44	-54	-73	-95	-100	-90	-82	-75	-68
-61	-53	-45	-36	-28	-19	-8	4	15	26	37	48	56	-106	-90	-82	-75	-68
14	16	23	24	20	14	11	10	10	11	14	20	27	38	65	71	73	73
73	73	73	73	73	71	68	65	62	59	57	54	52	47	43	42	41	41
41	41	41	35	22	8	-8	-22	-25	-16	-8	-4	-5	-8	-8	-8	-8	-8
-8	-8	-8	-9	-11	-13	-15	-18	-21	-25	-28	-31	-31	-31	-33	-36	-43	-53
-59	-59	-58	-57	-53	-49	-42	-27	-6	12	21	26	27	19	4	7	9	10
10	9	5	1	-11	-31	-53	-72	-92	-109	-111	-96	-81	-57	-69	-83	-105	-121
-107	-78	-48	-20	-3	1	-10	-20	-27	-33	-38	-35	-30	-1	7	8	7	4
-4	-13	-23	-29	-13	16	42	68	80	78	76	73	66	45	41	40	44	49
53	53	47	41	39	44	52	60	69	78	87	90	87	78	74	70	66	63
60	57	52	35	15	3	0	-2	-6	-10	-16	-20	-19	5	9	11	13	10
6	2	-2	-6	-7	-6	-6	-6	-7	-8	-9	-11	-18	-39	-29	-22	-21	-28
-34	-36	-30	-25	-21	-20	-18	-22	-31	-39	-36	-24	-17	-31	-47	-52	-56	-56
-52	-49	-43	-34	-23	-12	1	13	26	38	50	62	69	79	74	66	59	50
41	32	20	3	-15	-27	-28	-26	-24	-23	-20	-18	-16	-17	-17	-15	-2	13
18	13	9	5	3	2	1	0	-6	-17	-27	-36	-46	-53	-43	-34	-26	-20
-14	-8	-5	-3	0	2	4	7	10	12	13	13	13	-8	-37	-47	-51	-55
-60	-66	-78	-90	-102	-105	-89	-69	-51	-34	-18	-4	4	24	31	39	47	57
65	70	76	87	100	111	108	94	80	66	53	45	39	26	27	27	27	27
27	27	27	27	26	21	15	8	2	-3	-8	-15	-23	-31	-27	-25	-26	-31
-35	-40	-44	-45	-40	-33	-26	-19	-12	-4	3	4	0	-6	-5	-6	-11	-18
-26	-29	-28	-26	-25	-24	-23	-22	-20	-15	-8	-1	6	28	36	41	42	41
40	40	39	36	32	27	22	18	13	8	3	0	-4	-6	-4	-2	-1	2
5	8	12	15	17	17	17	17	17	17	17	17	16	4	-3	-11	-18	-27
-35	-43	-49	-53	-57	-56	-47	-37	-28	-22	-18	-13	-9	1	3	3	3	3
4	3	-4	-18	-32	-42	-50	-59	-66	-72	-75	-67	-55	-23	-13	-9	-13	-20
-23	-17	-6	-1	0	0	0	-1	-4	-7	-9	-10	-8	-2	5	12	19	24
27	31	35	38	40	41	42	43	44	44	45	45	45	18	9	6	4	5
15	32	47	54	59	62	53	38	25	14	3	-5	-7	-9	-8	-8	-8	-10
-13	-14	-6	13	23	24	23	14	1	-13	-30	-45	-57	-80	-73	-62	-53	-44
-40	-46	-54	-61	-61	-51	-41	-33	-27	-23	-19	-19	-21	-27	-29	-30	-30	-29
-27	-26	-25	-22	-16	-10	-4	2	8	13	15	15	16	19	25	34	40	39
38	37	36	36	35	35	35	35	35	35	33	31	28	19	16	14	16	22
28	33	39	42	40	37	35	32	30	27	25	23	21	25	34	39	43	44
42	41	40	38	37	35	34	33	32	31	30	28	25	19	0	-8	-16	-25
-33	-36	-31	-27	-22	-18	-14	-10	-7	-4	-1	2	5	6	26	32	38	43
46	48	50	46	31	13	1	-8	-16	-25	-34	-40	-40	-29	-27	-26	-26	-26
-26	-26	-19	-1	16	22	18	15	12	9	6	3	1	-6	-8	-11	-12	-10
-6	-2	1	1	-2	-5	-8	-11	-14	-17	-19	-22	-24	-10	-3	2	0	-4
-7	-11	-14	-16	-17	-19	-21	-20	-16	-10	-4	1	0	-21	-28	-30	-20	-6
7	12	6	-2	-9	-15	-17	-20	-22	-25	-26							

IIE082 71.063.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
 STATION NO. 285 SANTA FELICIA DAM, CAL., CREST
 INSTR PERIOD = 0.0550 SEC DAMPING = 0.5764 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACLN = 65.0 CM/SEC/SEC AT 5.88 SEC VELO = -6.2 CM/SEC AT 14.62 SEC DISP = 2.8 CM AT 25.32 SEC

2658 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC																			
INITIAL VELO = -0.72014 CM/SEC										INITIAL DISP = 0.04781 CM									
-247	81	206	139	-13	-98	-221	-360	-345	-145	144	372	468	452	313	70	-201	-389	-406	-285
-48	224	350	271	108	-54	-174	-208	-162	-49	65	58	-78	-167	-121	16	143	208	265	306
275	173	57	-55	-165	-247	-267	-203	-107	-31	9	-18	-91	-146	-117	-10	134	211	159	134
196	179	85	25	19	30	48	55	26	-56	-151	-206	-230	-254	-240	-183	-113	-18	44	28
12	44	89	112	98	75	76	72	68	87	91	70	18	-68	-152	-202	-186	-85	-9	-21
-8	65	118	122	104	93	87	98	120	156	173	119	11	-97	-189	-288	-397	-415	-285	-49
197	347	374	337	288	266	314	412	483	396	85	-324	-565	-607	-514	-341	-172	-30	33	-21
-110	-165	-172	-147	-116	-49	61	165	214	193	182	263	417	549	540	349	57	-194	-301	-305
-327	-369	-375	-276	-63	209	478	513	292	30	-230	-444	-476	-295	-67	90	210	329	356	217
5	-86	-74	-90	-133	-110	-32	37	78	28	-115	-240	-202	19	177	190	177	71	-123	-324
-448	-421	-352	-367	-382	-327	-255	-194	-74	108	265	360	378	330	331	441	590	622	506	302
71	-106	-219	-244	-155	-44	22	-34	-186	-286	-213	-58	86	175	174	116	40	-12	-33	-21
21	77	118	120	89	40	-84	-272	-355	-312	-294	-329	-318	-252	-152	-63	-18	13	70	103
86	65	77	119	161	153	16	-221	-418	-463	-334	-78	152	268	292	233	161	137	134	55
-117	-300	-399	-384	-244	-48	156	315	351	293	255	305	450	607	650	487	176	-119	-335	-423
-432	-382	-302	-276	-303	-330	-354	-379	-355	-204	26	218	287	205	63	45	148	242	292	233
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11E083 71.096.0
STATION NO. 199

SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
3407 6TH STREET, BASEMENT, LOS ANGELES, CAL.

EPICENTER 34 24 00N, 118 23 42W
COMP SOOW 34 03 45N, 118 17 43W
ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

INSTR PERIOD = 0.0530 SEC DAMPING = 0.5852

PEAK VALS ACIN = -158.2 CM/SEC/SEC AT 2.44 SEC VELO = 18.4 CM/SEC AT 4.10 SEC DISP = 9.0 CM AT 5.32 SEC

INITIAL VELO = -0.82501 CM/SEC INITIAL DISP = -1.21120 CM

3131 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

136	31	107	103	65	34	-3	45	21	-66	-74	-20	-22	-60	-62	3	53	71	40	-33
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77	-6	-40	-57	-161	-264	-186	4	79	-94	-198	-88	31	100	152	201	325	333	241	18
-242	-311	-194	-28	-111	-327	-415	-319	-53	153	361	660	590	302	243	250	108	54	63	-77
-394	-514	-460	-128	277	133	-158	-60	99	-209	-512	-355	44	449	712	648	612	671	392	-70
-226	-203	-376	-504	-241	-16	-157	-462	-629	-517	-259	235	779	1183	1075	585	107	-50	-220	-602
-1015	-1420	-1582	-998	153	828	869	835	1002	1413	1537	1201	786	151	-926	-1410	-719	-26	1	-351
-647	-424	237	496	151	-169	-155	11	214	44	-290	-549	-582	-204	471	913	848	557	98	-397
-706	-671	-518	-572	-682	-625	-349	-7	367	778	843	642	360	137	265	359	111	-131	-207	-442
-890	-1074	-645	-157	33	213	241	234	371	618	677	605	735	928	849	507	483	746	792	580
535	651	484	147	89	52	-199	-545	-927	-1221	-1312	-742	93	-72	-814	-1060	-869	-637	-774	-1206
-1351	-837	293	1263	1365	1220	1000	561	257	360	378	-94	-649	-650	-544	-733	-1138	-1194	-657	240
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-745	-687	-403	-169	-248	-415	-464	-337	-284	-422	-624	-798	-853	-615	-234	-91	-26	441	757	642
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371	417	365	278	182	129	-30	-267	-496	-684	-747	-655	-351	28	127	105	216	487	779	908
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IIE083 71.096.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
 STATION NO. 199 3407 6TH STREET, BASEMENT, LOS ANGELES, CAL. COMP N90E 34 03 45N, 118 17 43W
 INSTR PERIOD = 3.0510 SEC DAMPING = 0.5852 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACLN = -161.9 CM/SEC/SEC AT 1.70 SEC VELO = -16.6 CM/SEC AT 7.66 SEC DISP = -10.4 CM AT 9.66 SEC

3129 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC
 INITIAL VELC = -1.62817 CM/SEC INITIAL DISP = -0.62620 CM

-8	82	49	-16	30	101	106	3	-51	-43	-119	-155	-42	101	156	80	-15	23	119	118
19	-45	-25	-26	-98	-144	-50	74	-8	-130	-44	66	118	133	27	-9	95	75	-71	-125
-26	141	253	176	8	-49	-29	-35	-85	-139	-76	32	-22	-181	-230	-140	-12	60	127	182
264	394	377	174	36	145	483	635	476	333	262	116	44	261	537	227	-726	-1359	-1399	-1315
-1073	-80	1123	787	-982	-1619	-999	-71	361	118	-174	-239	-103	240	398	87	-247	-106	356	847
1023	1023	578	-275	-588	-331	214	451	404	228	-37	-58	150	279	273	252	512	794	334	-399
-574	-522	-386	-205	-243	-485	-403	95	418	445	519	442	80	-281	-231	7	24	-409	-858	-911
-598	-191	-5	41	319	646	353	-146	-426	-348	13	349	420	94	-743	-1278	-1206	-658	447	1459
1550	525	-694	-1133	-630	315	850	1066	1137	664	40	-7	284	495	408	210	149	160	311	514
463	194	12	-171	-493	-600	-336	133	348	87	-190	-246	-150	28	252	476	433	71	-369	-661
-853	-524	-810	-475	-176	-51	-68	-209	-343	-250	68	299	43	-450	-621	-653	-811	-883	-704	-303
236	564	541	376	264	251	261	565	1030	988	414	7	3	41	163	375	557	749	909	603
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-41	-312	-360	-167	318	665	374	-9	49	239	309	157	23	216	430	401	224	176	337	533
355	-158	-203	139	323	156	-100	-299	-528	-847	-965	-883	-632	-168	195	205	127	280	519	666
735	647	276	-206	-347	-311	-160	-109	-124	-9	-64	-425	-603	-356	-123	-226	-414	-624	-887	-849
-513	-202	-60	63	206	71	-374	-532	-327	24	237	39	-155	-49	373	751	865	884	600	202
12	-143	-310	-301	-38	92	-190	-599	-713	-546	-363	-345	-419	-413	-303	-146	-6	-94	-303	-284
-93	-53	-40	201	452	481	312	161	-58	-300	-404	-250	179	492	201	-370	-670	-745	-634	-473
-375	-332	-256	-86	134	258	347	572	845	828	589	362	242	78	-130	-145	-73	-57	-13	166
396	396	343	385	401	307	154	-42	-227	-413	-509	-353	-246	-315	-317	-128	158	314	235	50
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540	419	289	260	310	314	239	121	35	-5	40	278	725	870	717	538	455	435	449	498
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-142	-201	-264	-249	-201	-161	-166	-175	-163	-162	-193	-184	-76	20	65	57	-42	-121	-104	0
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37	-63	-162	-140	-59	-21	-20	21	33	-23	-68	-42	12	14	-66	-193	-262	-296	-290	-264
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140	123	104	67	17	13	48	59	24	-15	-57	-122	-197	-237	-214	-138	-57	-6	14	32
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[illegible]

11E083 71.096.0
STATION NO. 199

SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
3407 6TH STREET, BASEMENT, LOS ANGELES, CAL.

EPICENTER 34 24 00N, 118 23 42W
COMP DOWN 34 03 45N, 118 17 43W
ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

INSTR PERIOD = 0.0540 SEC DAMPING = 0.5852

PEAK VALS ACCLN = -55.5 CM/SEC/SEC AT 4.28 SEC VELO = -8.8 CM/SEC AT 13.18 SEC DISP = 4.5 CM AT 8.58 SEC

INITIAL VELC = -0.25627 CM/SEC INITIAL DISP = 0.42758 CM

3128 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

-472	89	0	-185	66	30	23	26	248	300	-9	62	-51	-265	0	63	-27	-8	-78	-57
98	128	-37	-170	-93	-103	-87	-50	-18	115	74	131	55	-53	126	227	142	-66	-142	-19
-53	-354	-264	-79	-110	-266	-363	-44	115	159	176	28	-72	62	164	104	196	79	-102	-234
-96	146	87	171	144	-122	-205	-70	47	65	19	-14	85	-1	-186	-103	143	99	-72	1
25	-58	-55	-111	-200	11	80	-93	-239	-295	-161	84	214	137	-16	-121	-139	-31	-85	-52
135	351	424	223	128	322	184	-133	-284	-40	332	366	165	-25	-159	-160	32	116	-119	-279
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132	115	53	24	-87	-214	-154	76	340	290	-23	-111	-46	5	-44	-370	-491	-118	54	-68
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-277	-305	-172	-150	-167	-82	25	175	89	-94	-22	58	-25	-162	-86	61	-85	-137	-43	33
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11E084 71.C57.0
STATION NO. 200
INSTR PERIOD = 0.0540 SEC DAMPING = 0.6058

SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
3407 SIXTH STREET, 4TH FLOOR, LOS ANGELES, CAL.
ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

EPICENTER 34 24 00N, 118 23 42W
COMP S00W 34 03 48N, 118 17 42W

PEAK VALS ACLN = 204.8 CM/SEC/SEC AT 2.60 SEC VELO = 18.1 CM/SEC AT 4.18 SEC DISP = -9.6 CM AT 7.92 SEC

INITIAL VELO = -0.68868 CM/SEC INITIAL DISP = 0.05632 CM

2967 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

-105	-135	-111	115	216	189	151	-20	-157	-155	-82	-31	-47	-37	-48	-49	21	37	-43	-90
-105	-68	59	145	128	112	91	37	-5	13	45	54	-43	-113	-99	-100	-32	82	37	-112
-193	-158	14	187	240	204	56	-195	-414	-387	-205	72	296	232	-66	-308	-227	-21	222	411
415	321	123	-147	-414	-539	-395	-155	-103	-245	-404	-365	-74	359	693	831	740	401	-52	-295
-273	-129	-11	-35	-97	-99	-23	122	150	-117	-275	-125	-5	-100	-124	-466	-243	421	968	1117
902	427	-17	-245	-221	-67	-2	-119	-315	-368	-366	-424	-527	-535	-174	589	1280	1447	1099	321
-680	-1331	-1222	-868	-893	-1080	-1034	-384	653	1627	2048	1782	1403	1075	806	590	301	-397	-1145	-1593
-1634	-1146	-213	319	255	130	188	436	686	586	273	-105	-455	-610	-731	-917	-933	-529	427	1405
1777	1213	303	-208	-399	-356	-452	-648	-830	-814	-585	-228	57	260	328	362	368	396	459	374
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[illegible]

II084 71.097.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
STATION NO. 200 3407 SIXTH STREET, 4TH FLOOR, LOS ANGELES, CAL. COMP NOISE 34 03 48N, 118 17 42W
INSTR PERIOD = 0.0580 SEC DAMPING = 0.6032 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS	ACLN = 187.7	CM/SEC/SEC AT 3.34 SEC	VELO = 23.4	CM/SEC AT 10.78 SEC	DISP = -11.7	CM AT 8.78 SEC													
INITIAL VELO = -0.38847 CM/SEC INITIAL DISP = -1.20909 CM																			
2969 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC																			
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11E084 71.097.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
STATION NO. 200 3407 SIXTH STREET, 4TH FLOOR, LOS ANGELES, CAL. COMP DOWN 34 03 48N, 118 17 42W
INSTR PERIOD = 0.0550 SEC DAMPING = 0.6055 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS	ACLN = -84.1	CM/SEC/SEC AT 4.74 SEC	VELO = 9.1	CM/SEC AT 7.98 SEC	DISP = -4.1	CM AT 6.98 SEC													
2968 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC																			
INITIAL VELO = 2.21707 CM/SEC INITIAL DISP = -0.11901 CM																			
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33	8	-12	6	30	42	50	48	33	18	18	19	-30	-15	11	12	27	56	62	36
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-8	-6	-4	-4	-7	0	-3	2	2	2	2	4	7	-7	-5	-9	-4	-8	-4
10	4	-7	8	2	-2	-5	-6	4	12	11	5	0	5	-5	6	6	6	6

[illegible]

IIEQ85 71.098.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
STATION NO. 201 3407 SIXTH STREET, PENTHOUSE, LOS ANGELES, CAL. COMP SOOM 34 03 48N, 118 17 42W
INSTR PERIOD = 0.0530 SEC DAMPING = 0.5936 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = 273.3 CM/SEC/SEC AT 7.14 SEC VELO = -33.9 CM/SEC AT 7.00 SEC DISP = -10.7 CM AT 7.22 SEC

INITIAL VELO = -0.46812 CM/SEC INITIAL DISP = -0.15026 CM

3009 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

-204	-196	-128	-123	-132	-133	-145	-133	-134	-133	-88	-29	13	52	90	125	140	129	119	116
120	105	94	85	11	-4	72	46	11	-4	18	54	77	86	79	72	70	74	81	83
117	146	126	57	-28	-54	-71	-41	-27	-54	-95	-152	-209	-235	-200	-104	-23	-2	-23	-74
-123	-186	-233	-251	-262	-133	-271	-231	-185	-133	-77	-17	56	134	205	261	261	168	50	-86
-215	-299	-335	-310	-252	-134	-102	-2	74	134	235	377	499	582	595	519	357	163	72	128
163	157	89	37	9	-199	-85	-155	-183	-199	-129	62	436	832	922	771	558	292	73	2
-6	10	-18	-100	-252	-283	-807	-876	-685	-283	-79	91	334	449	367	175	-95	-508	-931	-1137
-1124	-872	-498	-194	48	1034	434	765	1034	1107	987	744	513	351	212	64	-101	-233	-276	-216
-85	-3	41	167	271	-327	284	44	-273	-325	-520	-184	267	614	730	665	524	406	320	229
65	-224	-577	-854	-1009	-955	-841	-736	-644	-500	-296	-47	302	517	199	169	-118	-407	-647	-769
-737	-549	-309	-81	38	83	144	179	236	326	448	748	1001	1127	1176	1174	1127	1153	1259	1399
1586	1639	1434	1127	739	384	73	-247	-587	-785	-822	-852	-815	-883	-1060	-1337	-1611	-1772	-1631	-1162
-579	-44	188	265	279	258	152	64	148	220	176	56	-146	-516	-1034	-1520	-1840	-1785	-1358	-894
-556	-381	-310	-355	-486	-623	-689	-507	-106	333	711	920	963	936	921	1005	1181	1440	1579	1383
1053	733	410	40	-353	-694	-907	-970	-973	-772	-569	-402	-293	-168	-27	161	449	767	966	1058
989	828	680	578	583	681	774	808	711	562	386	187	30	-136	-390	-706	-1011	-1324	-1612	-1854
-1968	-1909	-1644	-1285	-994	-811	-730	-679	-670	-722	-771	-760	-708	-616	-489	-329	-179	-81	-46	-99
-174	-260	-333	-387	-412	-419	-368	-230	-127	-56	-9	75	276	633	1231	1958	2501	2733	2594	2336
2065	1817	1618	1387	1112	823	588	340	77	-192	-452	-715	-964	1051	-917	-651	-288	-4	186	275
313	328	305	329	465	532	528	383	154	-121	-391	-688	-935	-1019	-986	-882	-814	-791	-753	-707
-616	-507	-407	-312	-239	-180	-113	-51	16	120	263	457	666	849	945	950	887	787	625	389
223	61	-127	-256	-347	-379	-289	-133	86	340	548	678	760	810	851	902	940	935	764	618
520	396	298	222	145	71	2	-69	-146	-213	-222	-224	-247	-299	-389	-477	-568	-621	-608	-565
-465	-385	-316	-246	-177	-120	-98	-108	-157	-226	-305	-412	-525	-647	-752	-841	-907	-911	-819	-671
-466	-260	-75	55	100	85	31	-32	-53	-56	-73	-39	25	95	187	267	345	445	555	659
706	697	616	498	338	155	-12	-178	-313	-388	-437	-418	-341	-250	-137	-29	45	65	106	92
24	-44	-117	-199	-271	-312	-323	-336	-352	-372	-381	-348	-298	-244	-162	-73	-3	27	19	-12
-57	-98	-114	-80	-37	1	37	59	67	60	38	20	7	13	37	58	65	35	-7	-46
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46	110	164	226	303	384	436	441	394	334	273	225	209	222	252	299	339	381	420	439
407	360	318	271	193	77	-38	-145	-229	-273	-289	-251	-184	-125	-47	54	143	199	244	269
263	217	163	112	59	-1	-78	-159	-238	-318	-393	-457	-516	-546	-500	-430	-371	-324	-292	-283
-280	-262	-245	-230	-221	-211	-206	-225	-264	-302	-344	-387	-423	-445	-464	-481	-498	-545	-630	-722
-831	-928	-964	-902	-800	-703	-584	-459	-325	-187	-65	32	118	170	183	147	80	21	-36	-82
-124	-133	-104	-75	-45	-4	42	87	132	183	235	292	348	405	462	514	537	533	539	590
688	791	921	1064	1188	1249	1255	1209	1117	1032	941	839	726	618	512	423	384	379	385	407
423	418	371	318	255	152	29	-70	-132	-183	-223	-250	-279	-305	-330	-353	-376	-398	-419	-440
-471	-534	-612	-706	-810	-877	-908	-873	-806	-733	-650	-556	-473	-434	-412	-411	-421	-426	-431	-432
-433	-423	-396	-363	-316	-246	-175	-104	-23	72	159	216	252	256	236	238	217	209	256	301
346	390	436	481	533	591	616	588	558	538	528	519	516	500	458	417	379	349	324	296

263	223	165	98	35	-23	-80	-138	-188	-227	-265	-303	-342	-380	-420	-459	-498	-537	-577	-625
-688	-753	-818	-876	-900	-854	-782	-716	-637	-554	-473	-406	-347	-286	-230	-190	-162	-132	-102	-66
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1237	1249	1239	1197	1131	1066	982	887	813	775	744	711	673	623	569	516	462	405	344	283
223	158	77	-9	-94	-178	-253	-316	-379	-442	-505	-568	-630	-692	-754	-815	-873	-916	-942	-965
-1011	-1074	-1135	-1185	-1219	-1249	-1239	-1171	-1099	-1032	-967	-904	-839	-766	-679	-592	-506	-421	-336	-251
-174	-105	-37	21	64	108	152	196	241	288	335	381	429	493	585	678	760	827	893	961
1029	1098	1166	1220	1242	1259	1228	1170	1121	1066	1012	957	898	833	768	694	621	523	427	342
265	188	114	51	-8	-69	-130	-203	-289	-375	-461	-547	-619	-662	-684	-702	-705	-719	-745	-776
-811	-854	-877	-877	-878	-880	-887	-916	-956	-994	-1034	-1068	-1072	-1038	-960	-866	-782	-709	-644	-576
-510	-441	-366	-288	-214	-145	-82	-26	16	54	93	139	214	306	391	467	541	614	678	736
782	796	797	799	792	783	778	775	775	780	787	798	798	782	763	737	704	660	611	563
514	463	412	360	308	256	204	152	99	45	-13	-72	-131	-188	-234	-272	-312	-350	-381	-405
-430	-453	-472	-484	-496	-508	-517	-525	-534	-542	-555	-572	-588	-606	-625	-636	-619	-590	-562	-520
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248	275	329	382	435	455	480	484	484	479	476	476	476	479	504	538	567	586	589	563
527	495	461	428	393	357	322	286	245	190	131	73	19	-26	-68	-111	-153	-198	-248	-302
-355	-409	-457	-494	-526	-560	-586	-578	-551	-534	-544	-568	-588	-607	-614	-614	-598	-563	-537	-520
-502	-477	-450	-422	-387	-345	-303	-256	-201	-145	-89	-30	34	98	159	208	246	285	324	364
406	445	478	504	531	555	561	549	537	527	535	567	569	580	607	596	613	620	600	582
560	535	508	481	455	425	386	343	301	258	213	165	117	65	9	-47	-104	-176	-267	-358
-453	-553	-643	-705	-743	-751	-750	-752	-750	-730	-698	-678	-678	-675	-655	-628	-589	-544	-506	-482
-465	-446	-428	-409	-389	-369	-348	-328	-307	-286	-260	-226	-191	-139	-56	35	121	205	287	359
416	469	507	533	561	581	588	595	605	597	592	604	603	586	565	544	513	473	433	394
356	317	277	236	200	178	163	146	130	115	105	96	76	33	-15	-61	-108	-154	-195	-229
-264	-300	-340	-384	-428	-472	-509	-528	-540	-546	-529	-503	-479	-459	-449	-440	-427	-405	-377	-351
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289	328	357	375	393	412	429	437	438	455	471	466	467	487	507	523	532	507	457	411
363	317	270	225	179	136	107	86	63	40	17	-6	-35	-65	-94	-124	-154	-185	-217	-250
-283	-315	-343	-369	-389	-389	-381	-377	-382	-403	-424	-445	-464	-481	-491	-481	-458	-437	-411	-385
-358	-325	-282	-236	-191	-149	-114	-80	-46	-13	18	49	80	114	149	180	196	204	213	225
248	277	303	322	337	359	365	360	380	407	440	471	499	523	547	565	568	559	544	527
505	470	433	398	362	325	287	249	211	172	134	97	60	24	-12	-49	-88	-131	-175	-217
-252	-282	-312	-338	-355	-369	-378	-379	-378	-381	-393	-409	-423	-438	-453	-468	-484	-499	-511	-512
-504	-478	-442	-409	-375	-339	-298	-258	-222	-190	-159	-126	-90	-53	-17	16	42	67	91	117
148	179	210	238	257	273	290	320	349	354	377	394	396	399	401	402	404	407	410	412
409	393	369	337	303	270	238	211	193	174	151	128	108	87	60	35	16	1	-9	-28
-61	-99	-139	-181	-222	-253	-264	-263	-251	-238	-240	-257	-288	-341	-408	-463	-505	-533	-539	-521
-470	-403	-351	-303	-259	-225	-200	-178	-156	-143	-157	-191	-238	-285	-318	-327	-303	-247	-185	-119
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318	334	332	330	331	333	331	328	323	313	311	300	303	306	304	303	296	277	248	214
172	114	62	16	-23	-53	-78	-99	-107	-108	-111	-113	-116	-118	-119	-117	-114	-123	-143	-166
-188	-210	-226	-234	-240	-244	-245	-246	-250	-258	-272	-284	-280	-263	-236	-220	-214	-209	-205	-195
-175	-137	-101	-74	-46	-15	15	44	70	90	105	114	122	129	134	136	132	129	129	128
123	113	110	119	133	156	184	212	239	261	268	252	223	192	162	126	91	62	43	32
23	15	11	10	8	4	-4	-23	-46	-73	-103	-131	-153	-166	-177	-185	-193	-198	-195	-186
-171	-150	-130	-122	-128	-142	-165	-196	-233	-273	-304	-319	-305	-275	-237	-195	-153	-117	-85	-68
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152	139	129	126	127	134	145	160	185	222	252	270	287	292	283	256	223	189	167	158
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[illegible]

II085 71.698.0 SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST EPICENTER 34 24 00N, 118 23 42W
 STATION NO. 201 3407 SIXTH STREET, PENTHOUSE, LOS ANGELES, CAL. COMP N93E 34 03 48N, 118 17 42W
 INSTR PERIOD = 0.0530 SEC DAMPING = 0.5807 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS	ACLN = -206.0	CM/SEC/SEC AT 7.98 SEC	VELD = 42.4	CM/SEC AT 10.70 SEC	DISP = 18.7	CM AT 11.24 SEC													
3071	INSTRUMENT AND BASELINE CORRECTED DATA IN	MM/SEC/SEC	INITIAL DISP = 0.37180	CM	AT EQUALLY-SPACED INTERVALS OF 0.02	SEC													
	INITIAL VELC = -1.80452	CM/SEC																	
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404	462	501	519	523	583	655	685	688	642	553	463	384	324	224	-58	-507	-957	-1245	-1330
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396	334	270	201	165	205	308	384	443	506	441	296	155	-38	-214	-392	-582	-759	-926	-1064
-1126	-1049	-854	-675	-496	-343	-283	-292	-369	-450	-460	-432	-481	-597	-743	-897	-888	-692	-370	-18
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11E085 71.098.0
STATION NO. 201
INSTR PERIOD = 0.0570 SEC DAMPING = 0.5973

SAN FERNANDO EARTHQUAKE FEB 9, 1971 - 0600 PST
3407 SIXTH STREET, PENTHOUSE, LOS ANGELES, CAL.

EPICENTER 34 24 00N, 118 23 42W
COMP DOWN 34 03 48N, 118 17 42W
ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = 214.7 CM/SEC/SEC AT 4.46 SEC VELO = 9.3 CM/SEC AT 8.02 SEC DISP = 5.4 CM AT 8.56 SEC

INITIAL VELO = 4.73092 CM/SEC INITIAL DISP = -0.27099 CM

3078 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

-698	-735	-747	-579	26	276	476	653	790	180	-334	-347	-250	-160	52	127	-118	-172	47	-109
-73	174	-104	-359	-198	9	194	283	21	-497	-660	-322	94	563	651	457	271	-301	-519	-359
-384	128	607	343	-336	-1008	-950	-577	-172	341	545	550	110	-275	-124	65	228	234	-35	-285
-249	173	250	215	74	-277	-330	-85	245	466	545	-10	-285	-564	-124	-171	161	403	220	-69
-162	-205	-309	-21	475	270	117	119	-452	-864	-600	-181	324	673	475	-171	-801	-939	-507	373
916	356	-346	-580	-186	354	838	1197	871	283	-507	-1086	-703	1	530	283	20	506	569	-3
-517	-991	-1250	-757	381	1126	1097	821	498	-28	-633	-898	-798	-570	144	1126	1471	1003	97	-609
-773	-1009	-984	-90	927	1106	317	1	371	226	-466	-999	-1391	-1188	-633	137	1312	1863	1120	112
-254	-334	-801	-1162	-347	653	474	-26	-458	-577	-407	-162	768	1046	424	283	199	430	431	-166
-701	-1391	-1523	-548	577	1711	2107	1401	395	-583	-1284	-1426	-1240	-72	1172	1328	1080	730	106	-735
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13	-13	-35	-30	-3	30	50	46	34	16	-15	-38	-35	-14	11	39	56	49	29	2
-24	-35	-18	11	36	39	17	-15	-46	-48	-36	-18	12	40	45	37	18	-9	-23	-25
-17	0	16	23	21	6	-15	-27	-21	1	-19	29	12	-2	-15	-19	-12	-3	3	9
15	20	20	9	-10	-32	-41	-26	-4	8	10	7	-3	-16	-25	-25	-23	-21	-19	-18
-17	-13	-8	-3	5	7	2	-4	-12	-19	-14	2	19	36	-25	26	1	-15	-16	-9
5	19	20	14	9	9	14	25	25	9	-2	-3	4	13	26	40	39	20	0	-10
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3	23	35	36	25	-1	-31	-45	-41	-24	0	25	39	25	-2	-18	-25	-31	-28	-7
24	45	41	21	-4	-28	-36	-24	-4	13	14	1	-10	-18	-17	-6	5	9	6	0
-10	-20	-26	-20	-4	13	23	20	10	-9	-40	-48	-21	12	44	57	40	7	-17	-22
-16	-11	-2	5	7	8	8	8	8	0	-20	-31	-26	-16	-10	-7	0	13	10	-12
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-24	-10	12	29	21	-7	-37	-41	-21	1	21	14	-1	-3	-1	3	3	2	0	5
16	23	9	-19	-37	-39	-29	-12	10	20	-5	-21	-21	-27	-24	-11	8	27	19	-4
-9	-7	-5	1	14	19	19	19	11	-2	-18	-27	-25	-13	2	23	34	26	13	2
-8	-14	-10	9	28	33	38	41	31	18	30	45	49	43	30	16	9	15	28	40
46	39	24	11	6	6	-2	-7	-4	0	4	9	11	9	1	-3	3	13	14	3
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-30	-48	-41	-17	-4	-1	5	3	-5	-7	-13	-33	-44	-30	-24	-18	3	3	-23	-49
-52	-40	-28	-8	16	16	3	-8	-18	-18	-21	-12	14	25	17	4	-11	-22	-23	-1
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11	1	1	9	14	12	2	0	5	3	3	0	-5	2	2	8	-21	-23	-17	-8
6	17	9	-13	-31	-37	-27	-2	18	21	14	2	-16	-31	-34	-26	-15	-23	10	39
19	-5	-32	-37	-20	-2	12	25	24	8	-4	-10	-4	12	19	22	-15	42	30	16

13	11	3	6	21	32	22	3	1	2	0	-6	-3	6	3	0	8	6	-12	-22
-22	-25	-26	-13	6	17	15	3	-16	-38	-47	-35	-11	5	16	28	28	4	-21	-41
-56	-37	2	27	28	12	-9	-26	-31	-22	-7	6	10	8	0	-8	-2	9	17	13
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-6	-14	-22	-22	-12	-1	13	22	15	0	-14	-22	-19	-5	11	19	20	14	7	-1
-1	4	1	-5	-2	11	21	26	30	22	-3	-21	-32	-31	-13	10	30	32	11	-17
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-8	-4	-3	-8	-17	-22	-19	-14	-17	-16	-2	7	8	12	11	-3	-17	-22	-14	2
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9	0	-5	-3	8	20	27	29	28	23	16	10	7	9	15	21	25	22	17	11
3	0	6	12	10	1	-11	-13	-8	0	7	6	3	1	3	6	0	-4	1	8
9	2	-2	-3	-4	-1	8	15	18	19	21	22	20	15	10	5	1	-1		

California Institute of Technology
Earthquake Engineering Research Laboratory

The following reports of the Earthquake Engineering Research Laboratory from 1970 on can be obtained from the National Technical Information Service, Springfield, Virginia 22151:

EERL 70-20	Strong-Motion Earthquake Accelerograms - Digitized and Plotted Data (Vol. I, Part A)	PB-187 847
EERL 70-21	" " (Vol. I, Part B)	PB-196 823
EERL 71-20	" " (Vol. I, Part C)	PB-204 364
EERL 71-21	" " (Vol. I, Part D)	PB-208 529
EERL 71-22	" " (Vol. I, Part E)	PB-209 749
EERL 71-23	" " (Vol. I, Part F)	PB-210 619
EERL 72-20	" " (Vol. I, Part G)	PB-211 357
EERL 72-21	" " (Vol. I, Part H)	PB-211 781
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EERL 71-50	Strong-Motion Earthquake Accelerograms - Digitized and Plotted Data: Corrected Accelerograms and Integrated Ground Velocity and Displacement Curves (Vol. II, Part A)	PB-208 283
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EERL 72-51	" " (Vol. II, Part C)	PB-220 162
EERL 72-80	Analyses of Strong Motion Earthquake Accelerograms - Response Spectra (Vol. III, Part A)	PB-212 602
EERL 72-100	Analyses of Strong Motion Earthquake Accelerograms - Fourier Amplitude Spectra (Vol. IV, Part A)	PB-212 603
Joint Report:	Strong-Motion Instrumental Data on the San Fernando Earthquake of February 9, 1971	PB-204 198
EERL 71-01	P. C. Jennings <u>et al</u> , Forced Vibration of a 22-Story Steel Frame Building	PB-205 161
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DRC 72-01	Albert W. Whitney, On Insurance Settlements Incident to the 1906 San Francisco Fire	PB-213 256
EERL 72-04	J. H. Wood, Analysis of the Earthquake Response of a Nine-Story Steel Frame Building during the San Fernando Earthquake	PB-215 823
EERL 73-01	F. E. Udwadia and M. D. Trifunac, The Fourier Transform, Response Spectra and their Relationship Through the Statistics of Oscillator Response	PB-220 458
EERL 73-02	Research Papers Submitted to Fifth World Conference on Earthquake Engineering, Rome, Italy, 25-29 June 1973	PB-220 431